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enhanced
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NEWS 7 OCT 24 CHEMLIST enhanced with intermediate list of
pre-registered REACH substances
NEWS 8 NOV 21 CAS patent coverage to include exemplified prophetic
substances identified in English-, French-, German-,
and Japanese-language basic patents from 2004-present
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NEWS 10 NOV 26 MEDLINE year-end processing temporarily halts
availability of new fully-indexed citations
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NEWS 13 DEC 01 ChemPort single article sales feature unavailable

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FILE 'HOME' ENTERED AT 02:21:24 ON 08 DEC 2008

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION

FULL ESTIMATED COST

0.21

0.21

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 02:21:41 ON 08 DEC 2008

69 FILES IN THE FILE LIST IN STINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s (keratin or keratin hydrogel) and soil(p)amendment? and hydratable keratin and cationic species

0* FILE ADISNEWS
0* FILE ANTE
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0* FILE FROSTI
0* FILE FSTA

34 FILES SEARCHED...

2 FILE IFIPAT
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0* FILE NTIS
0* FILE NUTRACEUT
0* FILE PASCAL
0* FILE PHARMAML
2 FILE USPATFULL
0* FILE WATER
1 FILE WPIDS

68 FILES SEARCHED...

1 FILE WPINDEX

4 FILES HAVE ONE OR MORE ANSWERS, 69 FILES SEARCHED IN STINDEX

L1 QUE (KERATIN OR KERATIN HYDROGEL) AND SOIL(P) AMENDMENT? AND HYDRATABLE KERATIN AND CATIONIC SPECIES

=> file ifipat uspatfull

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
1.30	1.51

FULL ESTIMATED COST

FILE 'IFIPAT' ENTERED AT 02:23:02 ON 08 DEC 2008

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FILE 'USPATFULL' ENTERED AT 02:23:02 ON 08 DEC 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l1

L2 4 L1

=> d l2 1-4

L2 ANSWER 1 OF 4 IFIPAT COPYRIGHT 2008 IFI on STN
 AN 10627023 IFIPAT;IFIUDB;IFICDB
 TI Hydratable form of keratin for use as a soil amendment; comprises an oxidized keratin that upon hydration forms a hydrogel which can increase the water retention properties of soil and provide a source of organic and inorganic nutrients can also support the remediation of contaminated soils
 IN Blanchard Cheryl R; Siller-Jackson Arlene J; Smith Robert Allen; Timmons Scott F; Van Dyke Mark E
 PA Keraplast Technologies Ltd
 Southwest Research Institute
 (50215, 78576)
 PI US 20040134248 A1 20040715
 AI US 2003-715337 20031117
 RLI US 2000-516755 20000301 DIVISION 6649740
 FI US 20040134248 20040715
 US 6649740
 DT Utility; Patent Application - First Publication
 FS CHEMICAL
 APPLICATION
 ED Entered STN: 16 Jul 2004
 Last Updated on STN: 11 May 2006
 CLMN 51
 GI 3 Figure(s).
 FIG. 1. Schematic of the oxidation of keratin cystine residues to sulfonic acid groups.
 FIG. 2. Typical titration curve for a one gram sample of oxidized keratin derived from hair.
 FIG. 3. Graph depicting the number of moles of sodium hydroxide required to neutralize keratin derived from hair that has been oxidized for varying times.

L2 ANSWER 2 OF 4 IFIPAT COPYRIGHT 2008 IFI on STN
 AN 03972059 IFIPAT;IFIUDB;IFICDB
 TI Hydratable form of keratin for use as a soil amendment; Oxidized, comprises sulfonate groups and is associated with metal ions; hydrogel; use in bioremediation and increasing water retention
 IN Blanchard Cheryl R; Siller-Jackson Arlene J; Smith Robert Allen; Timmons Scott F; Van Dyke Mark E
 PA Keraplast Technologies Ltd (50215)
 PI US 6649740 B1 20031118
 AI US 2000-516755 20000301
 FI US 6649740 20031118
 DT Utility; Reassigned
 FS CHEMICAL
 GRANTED
 ED Entered STN: 19 Nov 2003
 Last Updated on STN: 27 May 2004
 MRN 010950 MFN: 0745
 010952 0118
 010952 0129
 013248 0355
 CLMN 23
 GI 3 Drawing Sheet(s), 3 Figure(s).
 FIG. 1. Schematic of the oxidation of keratin cystine residues to sulfonic acid groups.
 FIG. 2. Typical titration curve for a one gram sample of oxidized keratin derived from hair.
 FIG. 3. Graph depicting the number of moles of sodium hydroxide required to neutralize keratin derived from hair that has been oxidized

for varying times.

L2 ANSWER 3 OF 4 USPATFULL on STN
AN 2004:175096 USPATFULL
TI Hydratable form of keratin for use as a soil amendment
IN Smith, Robert Allen, Jackson, IN, UNITED STATES
Timmons, Scott F., San Antonio, TX, UNITED STATES
Van Dyke, Mark E., Fair Oaks Ranch, TX, UNITED STATES
Blanchard, Cheryl R., Warsaw, IN, UNITED STATES
Siller-Jackson, Arlene J., Helotes, TX, UNITED STATES
PA Southwest Research Institute (U.S. corporation)
Keraplast Technologies, Ltd. (U.S. corporation)
PI US 20040134248 A1 20040715
AI US 2003-715337 A1 20031117 (10)
RLI Division of Ser. No. US 2000-516755, filed on 1 Mar 2000, GRANTED, Pat. No. US 6649740
DT Utility
FS APPLICATION
LN.CNT 724
INCL INCLM: 071/015.000
NCL NCLM: 071/015.000
IC [7]
ICM C05F001-00
IPCI C05F0001-00 [ICM,7]
IPCR C05F0001-00 [I,C*]; C05F0001-00 [I,A]; C05F0011-00 [I,C*]; C05F0011-08 [I,A]; C09K0017-14 [I,C*]; C09K0017-32 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 4 OF 4 USPATFULL on STN
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TI Hydratable form of keratin for use as a soil amendment
IN Smith, Robert Allen, Jackson, MS, United States
Timmons, Scott F., San Antonio, TX, United States
Van Dyke, Mark E., Fair Oaks Ranch, TX, United States
Blanchard, Cheryl R., San Antonio, TX, United States
Siller-Jackson, Arlene J., Helotes, TX, United States
PA Keraplast Technologies, Ltd., San Antonio, TX, United States (U.S. corporation)
PI US 6649740 B1 20031118
AI US 2000-516755 20000301 (9)
DT Utility
FS GRANTED
LN.CNT 653
INCL INCLM: 530/357.000
INCLS: 530/355.000; 530/842.000; 530/418.000; 530/422.000; 530/423.000; 514/002.000; 073/073.000; 106/900.000
NCL NCLM: 530/357.000
NCLS: 073/073.000; 106/900.000; 530/355.000; 530/418.000; 530/422.000; 530/423.000; 530/842.000
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ICM A61K038-17
ICS C07K014-00
IPCI A61K0038-17 [ICM,7]; C07K0014-00 [ICS,7]
IPCR C05F0001-00 [I,C*]; C05F0001-00 [I,A]; C05F0011-00 [I,C*]; C05F0011-08 [I,A]; C09K0017-14 [I,C*]; C09K0017-32 [I,A]
EXF 530/357; 530/355; 530/842; 530/418; 530/422; 530/423; 514/12; 073/73; 106/900
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d hist

(FILE 'HOME' ENTERED AT 02:21:24 ON 08 DEC 2008)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 02:21:41 ON 08 DEC 2008
SEA (KERATIN OR KERATIN HYDROGEL) AND SOIL(P)AMENDMENT? AND HYD

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2 FILE IFIPAT
0* FILE KOSMET
0* FILE NTIS
0* FILE NUTRACEUT
0* FILE PASCAL
0* FILE PHARMAML
2 FILE USPATFULL
0* FILE WATER
1 FILE WPIDS
1 FILE WPINDEX

L1 QUE (KERATIN OR KERATIN HYDROGEL) AND SOIL(P) AMENDMENT? AND HY

FILE 'IFIPAT, USPATFULL' ENTERED AT 02:23:02 ON 08 DEC 2008

L2 4 S L1

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
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FULL ESTIMATED COST

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NEWS 5 APR 24 CA/Caplus now has more comprehensive patent assignee
information
NEWS 6 APR 26 USPATFULL and USPAT2 enhanced with patent
assignment/reassignment information
NEWS 7 APR 28 CAS patent authority coverage expanded
NEWS 8 APR 28 ENCOMPLIT/ENCOMPLIT2 search fields enhanced
NEWS 9 APR 28 Limits doubled for structure searching in CAS
REGISTRY
NEWS 10 MAY 08 STN Express, Version 8.4, now available
NEWS 11 MAY 11 STN on the Web enhanced
NEWS 12 MAY 11 BEILSTEIN substance information now available on
STN Easy
NEWS 13 MAY 14 DGENE, PCTGEN and USGENE enhanced with increased
limits for exact sequence match searches and
introduction of free HIT display format
NEWS 14 MAY 15 INPADOCDB and INPAFAMDB enhanced with Chinese legal
status data
NEWS 15 MAY 28 CAS databases on STN enhanced with NANO super role in
records back to 1992
NEWS 16 JUN 01 CAS REGISTRY Source of Registration (SR) searching
enhanced on STN
NEWS 17 JUN 26 NUTRACEUT and PHARMAML no longer updated
NEWS 18 JUN 29 IMSCOPROFILE now reloaded monthly
NEWS 19 JUN 29 EPFULL adds Simultaneous Left and Right Truncation
(SLART) to AB, MCLM, and TI fields
NEWS 20 JUL 09 PATDPAFULL adds Simultaneous Left and Right
Truncation (SLART) to AB, CLM, MCLM, and TI fields

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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FILE 'HOME' ENTERED AT 18:31:55 ON 10 JUL 2009

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.22	0.22

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 18:32:13 ON 10 JUL 2009

68 FILES IN THE FILE LIST IN STINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s keratin and soil and preservative

2 FILE IFIPAT
5 FILE PROMT
185 FILE USPATFULL
2 FILE USPATOLD
16 FILE USPAT2
2 FILE WPIDS
66 FILES SEARCHED...
2 FILE WPINDEX

7 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STINDEX

L1 QUE KERATIN AND SOIL AND PRESERVATIVE

=> s l1 and tetraalkylammonium hydroxide

2 FILE IFIPAT
54 FILES SEARCHED...
2 FILE USPATFULL
1 FILE WPIDS
1 FILE WPINDEX

4 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STINDEX

L2 QUE L1 AND TETRAALKYLAMMONIUM HYDROXIDE

=> file ifipat uspatfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.04	2.26

FILE 'IFIPAT' ENTERED AT 18:33:54 ON 10 JUL 2009
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FILE 'USPATFULL' ENTERED AT 18:33:54 ON 10 JUL 2009
CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l2

L3 4 L2

=> dup rem l3

PROCESSING COMPLETED FOR L3

L4 2 DUP REM L3 (2 DUPLICATES REMOVED)

=> d l4 1-2

L4 ANSWER 1 OF 2 IFIPAT COPYRIGHT 2009 IFI on STN DUPLICATE 1
AN 10627023 IFIPAT;IFIUDB;IFICDB
TI Hydratable form of keratin for use as a soil amendment; comprises an oxidized keratin that upon hydration forms a hydrogel which can increase the water retention properties of soil and provide a source of organic and inorganic nutrients can

also support the remediation of contaminated soils

IN Blanchard Cheryl R; Siller-Jackson Arlene J; Smith Robert Allen; Timmons
Scott F; Van Dyke Mark E

PA Keraplast Technologies Ltd
Southwest Research Institute
(50215, 78576)

PI US 20040134248 A1 20040715

AI US 2003-715337 20031117

RLI US 2000-516755 20000301 DIVISION 6649740

FI US 20040134248 20040715
US 6649740

DT Utility; Patent Application - First Publication

FS CHEMICAL
APPLICATION

ED Entered STN: 16 Jul 2004
Last Updated on STN: 11 May 2006

CLMN 51

GI 3 Figure(s).
FIG. 1. Schematic of the oxidation of keratin cystine residues
to sulfonic acid groups.
FIG. 2. Typical titration curve for a one gram sample of oxidized
keratin derived from hair.
FIG. 3. Graph depicting the number of moles of sodium hydroxide required
to neutralize keratin derived from hair that has been oxidized
for varying times.

L4 ANSWER 2 OF 2 IFIPAT COPYRIGHT 2009 IFI on STN DUPLICATE 2

AN 03972059 IFIPAT;IFIUDB;IFICDB

TI Hydratable form of keratin for use as a soil
amendment; Oxidized, comprises sulfonate groups and is associated with
metal ions; hydrogel; use in bioremediation and increasing water
retention

IN Blanchard Cheryl R; Siller-Jackson Arlene J; Smith Robert Allen; Timmons
Scott F; Van Dyke Mark E

PA Keraplast Technologies Ltd (50215)

PI US 6649740 B1 20031118

AI US 2000-516755 20000301

FI US 6649740 20031118

DT Utility; Reassigned

FS CHEMICAL
GRANTED

ED Entered STN: 19 Nov 2003
Last Updated on STN: 27 May 2004

MRN 010950 MFN: 0745
010952 0118
010952 0129
013248 0355

CLMN 23

GI 3 Drawing Sheet(s), 3 Figure(s).
FIG. 1. Schematic of the oxidation of keratin cystine residues
to sulfonic acid groups.
FIG. 2. Typical titration curve for a one gram sample of oxidized
keratin derived from hair.
FIG. 3. Graph depicting the number of moles of sodium hydroxide required
to neutralize keratin derived from hair that has been oxidized
for varying times.

=> d hist

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INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 18:32:13 ON 10 JUL 2009
SEA KERATIN AND SOIL AND PRESERVATIVE

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2   FILE IFIPAT
5   FILE PROMT
185  FILE USPATFULL
2   FILE USPATOLD
16  FILE USPAT2
2   FILE WPIDS
2   FILE WPINDEX
L1   QUE KERATIN AND SOIL AND PRESERVATIVE
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SEA L1 AND TETRAALKYLAMMONIUM HYDROXIDE
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2   FILE IFIPAT
2   FILE USPATFULL
1   FILE WPIDS
1   FILE WPINDEX
L2   QUE L1 AND TETRAALKYLAMMONIUM HYDROXIDE
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L3      4 S L2
L4      2 DUP REM L3 (2 DUPLICATES REMOVED)
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LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	8.35	10.61

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           enhanced
NEWS 4 APR 07 STN is raising the limits on saved answers
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assignment/reassignment information

NEWS 7 APR 28 CAS patent authority coverage expanded

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NEWS 20 JUL 09 PATDPAFULL adds Simultaneous Left and Right
Truncation (SLART) to AB, CLM, MCLM, and TI fields

NEWS 21 JUL 14 USGENE enhances coverage of patent sequence location
(PSL) data

NEWS 22 JUL 14 CA/Caplus to be enhanced with new citing references
features

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:38:31 ON 14 JUL 2009

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
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FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 16:47:05 ON 14 JUL 2009

68 FILES IN THE FILE LIST IN STNINDEX

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search error messages that display as 0* with SET DETAIL OFF.

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      26 FILE USPAT2
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26 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STNINDEX

L1 QUE KERATIN(P) HYDROGEL?

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 1 FILE TOXCENTER
 7 FILE USPATFULL
 0* FILE WATER
 1 FILE WPIDS
 1 FILE WPINDEX

6 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STNINDEX

L2 QUE L1 AND SOIL

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 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
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FULL ESTIMATED COST

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FILE 'USPATFULL' ENTERED AT 16:48:08 ON 14 JUL 2009
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=> s l2

L3 11 L2

=> dup rem l3

PROCESSING COMPLETED FOR L3

L4 8 DUP REM L3 (3 DUPLICATES REMOVED)

=> d l4 1-8

L4 ANSWER 1 OF 8 IFIPAT COPYRIGHT 2009 IFI on STN DUPLICATE 1
 AN 10627023 IFIPAT;IFIUDB;IFICDB
 TI Hydratable form of keratin for use as a soil
 amendment; comprises an oxidized keratin that upon hydration
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 properties of soil and provide a source of organic and
 inorganic nutrients can also support the remediation of contaminated
 soils
 IN Blanchard Cheryl R; Siller-Jackson Arlene J; Smith Robert Allen; Timmons
 Scott F; Van Dyke Mark E
 PA Keraplast Technologies Ltd
 Southwest Research Institute
 (50215, 78576)
 PI US 20040134248 A1 20040715
 AI US 2003-715337 20031117
 RLI US 2000-516755 20000301 DIVISION 6649740
 FI US 20040134248 20040715

US 6649740
 DT Utility; Patent Application - First Publication
 FS CHEMICAL
 APPLICATION
 ED Entered STN: 16 Jul 2004
 Last Updated on STN: 11 May 2006
 CLMN 51
 GI 3 Figure(s).
 FIG. 1. Schematic of the oxidation of keratin cystine residues to sulfonic acid groups.
 FIG. 2. Typical titration curve for a one gram sample of oxidized keratin derived from hair.
 FIG. 3. Graph depicting the number of moles of sodium hydroxide required to neutralize keratin derived from hair that has been oxidized for varying times.

L4 ANSWER 2 OF 8 USPATFULL on STN
 AN 2004:158193 USPATFULL
 TI Absorbent proteins and methods for using same
 IN Cushman, John C., Reno, NV, UNITED STATES
 Walters, Christina, Ft. Collins, CO, UNITED STATES
 PI US 20040120990 A1 20040624
 AI US 2003-637706 A1 20030811 (10)
 PRAI US 2002-403329P 20020812 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 2025
 INCL INCLM: 424/443.000
 NCL NCLM: 424/443.000
 IC [7]
 ICM A61K009-70
 IPCI A61K0009-70 [ICM,7]
 IPCR A61K0009-70 [I,C*]; A61K0009-70 [I,A]; A61K0047-42 [N,C*];
 A61K0047-42 [N,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 8 IFIPAT COPYRIGHT 2009 IFI on STN DUPLICATE 2
 AN 03972059 IFIPAT;IFIUDB;IFICDB
 TI Hydratable form of keratin for use as a soil
 amendment; Oxidized, comprises sulfonate groups and is associated with
 metal ions; hydrogel; use in bioremediation and increasing
 water retention
 IN Blanchard Cheryl R; Siller-Jackson Arlene J; Smith Robert Allen; Timmons
 Scott F; Van Dyke Mark E
 PA Keraplast Technologies Ltd (50215)
 PI US 6649740 B1 20031118
 AI US 2000-516755 20000301
 FI US 6649740 20031118
 DT Utility; Reassigned
 FS CHEMICAL
 GRANTED
 ED Entered STN: 19 Nov 2003
 Last Updated on STN: 27 May 2004
 MRN 010950 MFN: 0745
 010952 0118
 010952 0129
 013248 0355
 CLMN 23
 GI 3 Drawing Sheet(s), 3 Figure(s).
 FIG. 1. Schematic of the oxidation of keratin cystine residues to sulfonic acid groups.
 FIG. 2. Typical titration curve for a one gram sample of oxidized keratin

derived from hair.

FIG. 3. Graph depicting the number of moles of sodium hydroxide required to neutralize keratin derived from hair that has been oxidized for varying times.

L4 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN DUPLICATE 3

AN 2001:661195 CAPLUS

DN 135:210552

TI Hydratable oxidized keratin as a soil amendment

IN Smith, Robert Allen; Timmons, Scott F.; Van Dyke, Mark E.; Blanchard, Cheryl R.; Siller-Jackson, Arlene J.

PA Keraplast Technologies, Ltd., USA; Van Dyke, Mark E.

SO PCT Int. Appl., 27 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001064033	A2	20010907	WO 2001-US6545	20010301
	WO 2001064033	A3	20011206		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 6649740	B1	20031118	US 2000-516755	20000301
	AU 2001043347	A	20010912	AU 2001-43347	20010301
	US 20040134248	A1	20040715	US 2003-715337	20031117
PRAI	US 2000-516755	A2	20000301		
	WO 2001-US6545	W	20010301		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 8 USPATFULL on STN

AN 1998:61190 USPATFULL

TI Multi-layer wound dressing

IN Arnold, Peter Stuart, Skipton, United Kingdom

PA Johnson & Johnson Medical, Inc., Arlington, TX, United States (U.S. corporation)

PI US 5759570 19980602

AI US 1996-745112 19961107 (8)

RLI Continuation of Ser. No. US 1993-153396, filed on 16 Nov 1993, now abandoned

PRAI GB 1992-24592 19921123

DT Utility

FS Granted

LN.CNT 450

INCL INCLM: 424/443.000

INCLS: 424/445.000; 604/304.000

NCL NCLM: 424/443.000

NCLS: 424/445.000; 604/304.000

IC [6]

ICM A61F013-00

IPCI A61F0013-00 [ICM,6]

IPCR A61L0015-16 [I,C*]; A61L0015-44 [I,A]; A61L0015-60 [I,A]

EXF 424/493; 424/443; 424/445; 604/304

L4 ANSWER 6 OF 8 USPATFULL on STN
 AN 84:25870 USPATFULL
 TI Strain of *Corynebacterium Fascians* and use thereof to reduce limonoid
 bitterness in citrus products
 IN Hasegawa, Shin, Pasadena, CA, United States
 PA The United States of America as represented by the Secretary of
 Agriculture, Washington, DC, United States (U.S. government)
 PI US 4447456 19840508
 AI US 1983-456954 19830110 (6)
 DT Utility
 FS Granted
 LN.CNT 455
 INCL INCLM: 426/051.000
 INCLS: 435/843.000; 426/052.000
 NCL NCLM: 426/051.000
 NCLS: 426/052.000; 435/843.000
 IC [3]
 ICM A23L001-00
 ICS C12R001-15
 IPCI A23L0001-00 [ICM,3]; C12R0001-15 [ICS,3]
 IPCR A23L0002-70 [I,C*]; A23L0002-84 [I,A]; C12N0009-04 [I,C*];
 C12N0009-04 [I,A]
 EXF 426/51; 426/52; 426/49; 426/61; 435/253; 435/267; 435/843
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 8 USPATFULL on STN
 AN 82:32846 USPATFULL
 TI Method of preparing a polymer mixture, formed products obtained
 therefrom and polymer alloy
 IN Heslinga, Adolf, Hd Pijnacker, Netherlands
 Greidanus, Pieter J., Mk Leiden, Netherlands
 PA Nederlandse Centrale Organisatie voor Toegepast-Natuurwetenschappelijk
 Onderzoek, The Hague, Netherlands (non-U.S. corporation)
 PI US 4338417 19820706
 AI US 1980-159649 19800616 (6)
 RLI Continuation-in-part of Ser. No. US 1979-105750, filed on 20 Dec 1979,
 now Defensive Publication No.
 PRAI NL 1978-12529 19781222
 NL 1979-8799 19791205
 DT Utility
 FS Granted
 LN.CNT 763
 INCL INCLM: 525/197.000
 INCLS: 424/078.000; 521/134.000; 525/192.000; 525/198.000; 525/207.000;
 525/194.000; 528/501.000
 NCL NCLM: 525/197.000
 NCLS: 521/134.000; 525/192.000; 525/194.000; 525/198.000; 525/207.000;
 528/501.000
 IC [3]
 ICM C08L033-02
 ICS C08L001-12; A61K047-00; C08F006-10
 IPCI C08L0033-02 [ICM,3]; C08L0033-00 [ICM,3,C*]; C08L0001-12 [ICS,3];
 C08L0001-00 [ICS,3,C*]; A61K047-00 [ICS,3]; C08F0006-10 [ICS,3];
 C08F0006-00 [ICS,3,C*]
 IPCR A01N0025-10 [I,C*]; A01N0025-10 [I,A]; B01J0047-00 [I,C*];
 B01J0047-12 [I,A]; C08J0003-00 [I,C*]; C08J0003-00 [I,A];
 C08L0001-00 [N,C*]; C08L0001-10 [N,A]; C08L0025-00 [I,C*];
 C08L0025-08 [I,A]; C08L0031-00 [I,C*]; C08L0031-04 [I,A];
 C08L0033-00 [N,C*]; C08L0033-06 [N,A]; C08L0035-00 [I,C*];
 C08L0035-00 [I,A]; C08L0035-06 [I,A]
 EXF 525/197; 525/198; 525/207; 525/192
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 8 OF 8 USPATFULL on STN
 AN 82:26719 USPATFULL
 TI Method of preparing a polymer mixture, formed products obtained therefrom and polymer alloy
 IN Heslinga, Adolf, Hd Pijnacker, Netherlands
 Greidanus, Pieter J., Mk Leiden, Netherlands
 PA Nederlandse Centrale Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek, The Hague, Netherlands (non-U.S. corporation)
 PI US 4332917 19820601
 AI US 1979-105750 19791220 (6)
 PRAI NL 1978-12529 19781222
 NL 1979-8799 19791205
 DT Utility
 FS Granted
 LN.CNT 753
 INCL INCLM: 521/134.000
 INCLS: 424/078.000; 525/192.000; 525/193.000; 525/194.000; 525/197.000; 525/198.000; 525/207.000; 528/501.000; 524/037.000; 524/040.000; 524/041.000; 524/549.000
 NCL NCLM: 521/134.000
 NCLS: 524/037.000; 524/040.000; 524/041.000; 524/549.000; 525/192.000; 525/193.000; 525/194.000; 525/197.000; 525/198.000; 525/207.000; 528/501.000
 IC [3]
 ICM C08L0033-02
 ICS C08L001-12; A61K047-00; C08F006-10
 IPCI C08L0033-02 [ICM,3]; C08L0033-00 [ICM,3,C*]; C08L0001-12 [ICS,3]; C08L0001-00 [ICS,3,C*]; A61K0047-00 [ICS,3]; C08F0006-10 [ICS,3]; C08F0006-00 [ICS,3,C*]
 IPCR A01N0025-10 [I,C*]; A01N0025-10 [I,A]; B01J0047-00 [I,C*]; B01J0047-12 [I,A]; C08J0003-00 [I,C*]; C08J0003-00 [I,A]; C08L0001-00 [N,C*]; C08L0001-10 [N,A]; C08L0025-00 [I,C*]; C08L0025-08 [I,A]; C08L0031-00 [I,C*]; C08L0031-04 [I,A]; C08L0033-00 [N,C*]; C08L0033-06 [N,A]; C08L0035-00 [I,C*]; C08L0035-00 [I,A]; C08L0035-06 [I,A]
 EXF 260/17R; 521/134
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 14 7-8

L4 ANSWER 7 OF 8 USPATFULL on STN
 AN 82:32846 USPATFULL
 TI Method of preparing a polymer mixture, formed products obtained therefrom and polymer alloy
 IN Heslinga, Adolf, Hd Pijnacker, Netherlands
 Greidanus, Pieter J., Mk Leiden, Netherlands
 PA Nederlandse Centrale Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek, The Hague, Netherlands (non-U.S. corporation)
 PI US 4338417 19820706
 AI US 1980-159649 19800616 (6)
 RLI Continuation-in-part of Ser. No. US 1979-105750, filed on 20 Dec 1979, now Defensive Publication No.
 PRAI NL 1978-12529 19781222
 NL 1979-8799 19791205
 DT Utility
 FS Granted
 LN.CNT 763
 INCL INCLM: 525/197.000
 INCLS: 424/078.000; 521/134.000; 525/192.000; 525/198.000; 525/207.000; 525/194.000; 528/501.000

NCL NCLM: 525/197.000
 NCLS: 521/134.000; 525/192.000; 525/194.000; 525/198.000; 525/207.000;
 528/501.000

IC [3]
 ICM C08L033-02
 ICS C08L001-12; A61K047-00; C08F006-10
 IPCI C08L0033-02 [ICM,3]; C08L0033-00 [ICM,3,C*]; C08L0001-12 [ICS,3];
 C08L0001-00 [ICS,3,C*]; A61K0047-00 [ICS,3]; C08F0006-10 [ICS,3];
 C08F0006-00 [ICS,3,C*]
 IPCR A01N0025-10 [I,C*]; A01N0025-10 [I,A]; B01J0047-00 [I,C*];
 B01J0047-12 [I,A]; C08J0003-00 [I,C*]; C08J0003-00 [I,A];
 C08L0001-00 [N,C*]; C08L0001-10 [N,A]; C08L0025-00 [I,C*];
 C08L0025-08 [I,A]; C08L0031-00 [I,C*]; C08L0031-04 [I,A];
 C08L0033-00 [N,C*]; C08L0033-06 [N,A]; C08L0035-00 [I,C*];
 C08L0035-00 [I,A]; C08L0035-06 [I,A]

EXF 525/197; 525/198; 525/207; 525/192
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 8 OF 8 USPATFULL on STN
 AN 82:26719 USPATFULL
 TI Method of preparing a polymer mixture, formed products obtained
 therefrom and polymer alloy
 IN Heslinga, Adolf, HD Pijnacker, Netherlands
 Greidanus, Pieter J., MK Leiden, Netherlands
 PA Nederlandse Centrale Organisatie voor Toegepast-Natuurwetenschappelijk
 Onderzoek, The Hague, Netherlands (non-U.S. corporation)
 PI US 4332917 19820601
 AI US 1979-105750 19791220 (6)
 PRAI NL 1978-12529 19781222
 NL 1979-8799 19791205
 DT Utility
 FS Granted
 LN.CNT 753
 INCL INCLM: 521/134.000
 INCLS: 424/078.000; 525/192.000; 525/193.000; 525/194.000; 525/197.000;
 525/198.000; 525/207.000; 528/501.000; 524/037.000; 524/040.000;
 524/041.000; 524/549.000

NCL NCLM: 521/134.000
 NCLS: 524/037.000; 524/040.000; 524/041.000; 524/549.000; 525/192.000;
 525/193.000; 525/194.000; 525/197.000; 525/198.000; 525/207.000;
 528/501.000

IC [3]
 ICM C08L033-02
 ICS C08L001-12; A61K047-00; C08F006-10
 IPCI C08L0033-02 [ICM,3]; C08L0033-00 [ICM,3,C*]; C08L0001-12 [ICS,3];
 C08L0001-00 [ICS,3,C*]; A61K0047-00 [ICS,3]; C08F0006-10 [ICS,3];
 C08F0006-00 [ICS,3,C*]
 IPCR A01N0025-10 [I,C*]; A01N0025-10 [I,A]; B01J0047-00 [I,C*];
 B01J0047-12 [I,A]; C08J0003-00 [I,C*]; C08J0003-00 [I,A];
 C08L0001-00 [N,C*]; C08L0001-10 [N,A]; C08L0025-00 [I,C*];
 C08L0025-08 [I,A]; C08L0031-00 [I,C*]; C08L0031-04 [I,A];
 C08L0033-00 [N,C*]; C08L0033-06 [N,A]; C08L0035-00 [I,C*];
 C08L0035-00 [I,A]; C08L0035-06 [I,A]

EXF 260/17R; 521/134
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 14 7 ab

L4 ANSWER 7 OF 8 USPATFULL on STN
 AB Method for preparing a polymer alloy which is stable and homogeneous at
 high temperatures which comprises a component (a) one or more polymers

of high molecular weight, having anhydride groups and component (b) one or more polymers of high molecular weight, having groups which have the ability to interact with hydrogen atoms to form hydrogen bonds. Initially, a solution of component (a) is prepared in an organic solvent and thereafter a solution of component (b) is added. Component (a), in the dissolved state, may be protolyzed in whole or in part, prior to or after the addition of component (b) by the action of protolyzing agents. After the solvent is removed formed products, such as granules, fibres, foils, foam, may be made from the polymer alloy.

=> d 14 7 kwic

L4 ANSWER 7 OF 8 USPATFULL on STN

DETD . . . a result of the conversion of the polyanhydride to polyacid or polyelectrolyte, the material assumes the properties of a stable hydrogel. The degree of swelling in water is a function of the degree of ionization of the composition of the polymer. . . . (solution). This phenomenon is reversible and is comparable with the familiar behaviour in water of proteins, such as gelatin and keratin.

DETD . . . granules were ground to powder. The granules as well as the powder were used as a control agent for a soil insecticide. The delivery rate of the active substance can be regulated by partial or complete ionization of the polymer alloy, . . .

=> d hist

(FILE 'HOME' ENTERED AT 16:38:31 ON 14 JUL 2009)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 16:47:05 ON 14 JUL 2009
SEA KERATIN(P)HYDROGEL?

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0* FILE AQUALINE
5* FILE BIOENG
21 FILE BIOSIS
4* FILE BIOTECHABS
4* FILE BIOTECHDS
1* FILE BIOTECHNO
38 FILE CAPLUS
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0* FILE CIN
1 FILE CONFSCI
2 FILE DGENE
1 FILE DISSABS
1 FILE DRUGU
1 FILE EMBAL
5 FILE EMBASE
1 FILE ESBIODASE
0* FILE FOMAD
0* FILE FOREGE
0* FILE FROSTI
0* FILE FSTA
109 FILE IFIPAT
1* FILE KOSMET
5 FILE LIFESCI

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        0*  FILE NTIS
        0*  FILE NUTRACEUT
        3*  FILE PASCAL
        0*  FILE PHARMAML
        1   FILE PHIN
        1   FILE PROMT
        6   FILE SCISEARCH
        11  FILE TOXCENTER
        234 FILE USPATFULL
        26  FILE USPAT2
        0*  FILE WATER
        86  FILE WPIDS
        86  FILE WPINDEX
L1      QUE KERATIN(P) HYDROGEL?

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      SEA L1 AND SOIL

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        0*  FILE ANTE
        0*  FILE AQUALINE
        0*  FILE BIOENG
        0*  FILE BIOTECHABS
        0*  FILE BIOTECHDS
        0*  FILE BIOTECHNO
        1   FILE CAPLUS
        0*  FILE CEABA-VTB
        0*  FILE CIN
        0*  FILE FOMAD
        0*  FILE FOREGE
        0*  FILE FROSTI
        0*  FILE FSTA
        2   FILE IFIPAT
        0*  FILE KOSMET
        0*  FILE NTIS
        0*  FILE NUTRACEUT
        0*  FILE PASCAL
        0*  FILE PHARMAML
        1   FILE TOXCENTER
        7   FILE USPATFULL
        0*  FILE WATER
        1   FILE WPIDS
        1   FILE WPINDEX
L2      QUE L1 AND SOIL

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2009

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L3      11 S L2
L4      8 DUP REM L3 (3 DUPLICATES REMOVED)

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=> s l4 and tetraalkylammonium hydroxide
L5      2 L4 AND TETRAALKYLAMMONIUM HYDROXIDE

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=> d l5 1-2

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L5      ANSWER 1 OF 2 IFIPAT  COPYRIGHT 2009 IFI on STN
AN      10627023 IFIPAT;IFIUDB;IFICDB
TI      Hydratable form of keratin for use as a soil
        amendment; comprises an oxidized keratin that upon hydration
        forms a hydrogel which can increase the water retention
        properties of soil and provide a source of organic and

```

inorganic nutrients can also support the remediation of contaminated soils

IN Blanchard Cheryl R; Siller-Jackson Arlene J; Smith Robert Allen; Timmons Scott F; Van Dyke Mark E

PA Keraplast Technologies Ltd
Southwest Research Institute
(50215, 78576)

PI US 20040134248 A1 20040715

AI US 2003-715337 20031117

RLI US 2000-516755 20000301 DIVISION 6649740

FI US 20040134248 20040715

US 6649740

DT Utility; Patent Application - First Publication

FS CHEMICAL
APPLICATION

ED Entered STN: 16 Jul 2004
Last Updated on STN: 11 May 2006

CLMN 51

GI 3 Figure(s).
FIG. 1. Schematic of the oxidation of keratin cystine residues to sulfonic acid groups.
FIG. 2. Typical titration curve for a one gram sample of oxidized keratin derived from hair.
FIG. 3. Graph depicting the number of moles of sodium hydroxide required to neutralize keratin derived from hair that has been oxidized for varying times.

L5 ANSWER 2 OF 2 IFIPAT COPYRIGHT 2009 IFI on STN

AN 03972059 IFIPAT;IFIUDB;IFICDB

TI Hydratable form of keratin for use as a soil amendment; Oxidized, comprises sulfonate groups and is associated with metal ions; hydrogel; use in bioremediation and increasing water retention

IN Blanchard Cheryl R; Siller-Jackson Arlene J; Smith Robert Allen; Timmons Scott F; Van Dyke Mark E

PA Keraplast Technologies Ltd (50215)

PI US 6649740 B1 20031118

AI US 2000-516755 20000301

FI US 6649740 20031118

DT Utility; Reassigned

FS CHEMICAL
GRANTED

ED Entered STN: 19 Nov 2003
Last Updated on STN: 27 May 2004

MRN 010950 MFN: 0745
010952 0118
010952 0129
013248 0355

CLMN 23

GI 3 Drawing Sheet(s), 3 Figure(s).
FIG. 1. Schematic of the oxidation of keratin cystine residues to sulfonic acid groups.
FIG. 2. Typical titration curve for a one gram sample of oxidized keratin derived from hair.
FIG. 3. Graph depicting the number of moles of sodium hydroxide required to neutralize keratin derived from hair that has been oxidized for varying times.

=> s tetraalkylammonium hydroxide and soil

L6 42 TETRAALKYLAMMONIUM HYDROXIDE AND SOIL

=> d 16 1-42

L6 ANSWER 1 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1998:186487 CAPLUS
DN 128:206197
OREF 128:40765a,40768a
TI Caustic-free, aqueous, baked-on soil prespotting cleaner
IN Thomas, Barbara; Broze, Guy
PA Colgate Palmolive Co., USA
SO U.S., 5 pp., Cont.-in-part of U.S. Ser. No. 517,273, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 5728668	A	19980317	US 1996-667290	19960612
PRAI	US 1994-355470	B2	19941214		
	US 1995-517273	B2	19950821		
OS	MARPAT 128:206197				
RE.CNT	8	THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD			
		ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L6 ANSWER 2 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1988:21021 CAPLUS
DN 108:21021
OREF 108:3557a,3560a
TI Extraction of humic materials from soil for analysis
IN Lakatos, Bela; Madi, Gyorgy; Miesel, Tibor, Mrs.; Buzas, Istvan; Sandor, Zoltan
PA Magyar Tudomanyos Akademia, Kozponti Kemiai Kutato Intezet, Hung.; Magyar Tudomanyos Akademia Talajtani es Agrokemiai Kutato Intezete
SO Hung. Teljes, 16 pp.
CODEN: HUXXBU
DT Patent
LA Hungarian
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	HU 42635	A2	19870728	HU 1985-3109	19850814
	HU 194409	B	19880128		
PRAI	HU 1985-3109		19850814		

L6 ANSWER 3 OF 42 IFIPAT COPYRIGHT 2009 IFI on STN
AN 10627023 IFIPAT;IFIUDB;IFICDB
TI Hydratable form of keratin for use as a soil amendment;
comprises an oxidized keratin that upon hydration forms a hydrogel which
can increase the water retention properties of soil and provide
a source of organic and inorganic nutrients can also support the
remediation of contaminated soils
IN Blanchard Cheryl R; Siller-Jackson Arlene J; Smith Robert Allen; Timmons
Scott F; Van Dyke Mark E
PA Keraplast Technologies Ltd
Southwest Research Institute
(50215, 78576)
PI US 20040134248 A1 20040715
AI US 2003-715337 20031117
RLI US 2000-516755 20000301 DIVISION 6649740
FI US 20040134248 20040715
US 6649740
DT Utility; Patent Application - First Publication
FS CHEMICAL

APPLICATION
ED Entered STN: 16 Jul 2004
Last Updated on STN: 11 May 2006
CLMN 51
GI 3 Figure(s).
FIG. 1. Schematic of the oxidation of keratin cystine residues to sulfonic acid groups.
FIG. 2. Typical titration curve for a one gram sample of oxidized keratin derived from hair.
FIG. 3. Graph depicting the number of moles of sodium hydroxide required to neutralize keratin derived from hair that has been oxidized for varying times.

L6 ANSWER 4 OF 42 IFIPAT COPYRIGHT 2009 IFI on STN
AN 03972059 IFIPAT;IFIUDB;IFICDB
TI Hydratable form of keratin for use as a soil amendment;
Oxidized, comprises sulfonate groups and is associated with metal ions;
hydrogel; use in bioremediation and increasing water retention
IN Blanchard Cheryl R; Siller-Jackson Arlene J; Smith Robert Allen; Timmons Scott F; Van Dyke Mark E
PA Keraplast Technologies Ltd (50215)
PI US 6649740 B1 20031118
AI US 2000-516755 20000301
FI US 6649740 20031118
DT Utility; Reassigned
FS CHEMICAL
GRANTED
ED Entered STN: 19 Nov 2003
Last Updated on STN: 27 May 2004
MRN 010950 MFN: 0745
010952 0118
010952 0129
013248 0355
CLMN 23
GI 3 Drawing Sheet(s), 3 Figure(s).
FIG. 1. Schematic of the oxidation of keratin cystine residues to sulfonic acid groups.
FIG. 2. Typical titration curve for a one gram sample of oxidized keratin derived from hair.
FIG. 3. Graph depicting the number of moles of sodium hydroxide required to neutralize keratin derived from hair that has been oxidized for varying times.

L6 ANSWER 5 OF 42 IFIPAT COPYRIGHT 2009 IFI on STN
AN 03071486 IFIPAT;IFIUDB;IFICDB
TI METHOD FOR FORMATION OF SUBSURFACE BARRIERS USING VISCOUS COLLOIDS
IN Apps John A; Moridis George; Persoff Peter; Pruess Karsten
PA California, University of Regents (13234)
PI US 5836390 A 19981117 (CITED IN 012 LATER PATENTS)
AI US 1996-745089 19961107
PRAI US 1995-6320P 19951107 (Provisional)
FI US 5836390 19981117
DT Utility; Expired
FS MECHANICAL
GRANTED
ED Entered STN: 23 Nov 1998
Last Updated on STN: 8 Jul 2002
MRN 008437 MFN: 0867
CLMN 19
GI 17 Drawing Sheet(s), 17 Figure(s).

L6 ANSWER 6 OF 42 USPATFULL on STN

AN 2009:152347 USPATFULL
TI COPPER CMP POLISHING PAD CLEANING COMPOSITION COMPRISING OF AMIDOXIME COMPOUNDS
IN Lee, Wai Mun, Fremont, CA, UNITED STATES
PI US 20090137191 A1 20090528
AI US 2008-260602 A1 20081029 (12)
PRAI US 2007-727P 20071029 (61)
US 2007-6227P 20071231 (61)
DT Utility
FS APPLICATION
LN.CNT 4353
INCL INCLM: 451/036.000
INCLS: 451/056.000; 451/041.000; 564/268.000
NCL NCLM: 451/036.000
NCLS: 451/056.000; 451/041.000; 564/268.000
IC IPCI B24B0053-02 [I,A]; B24B0053-00 [I,C*]; B24B0001-00 [I,A];
C07C0249-04 [I,A]; C07C0249-00 [I,C*]; B24B0007-20 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 7 OF 42 USPATFULL on STN
AN 2009:148884 USPATFULL
TI METHODS OF POST CHEMICAL MECHANICAL POLISHING AND WAFER CLEANING USING AMIDOXIME COMPOSITIONS
IN Lee, Wai Mun, Fremont, CA, UNITED STATES
PI US 20090133716 A1 20090528
AI US 2008-260512 A1 20081029 (12)
PRAI US 2007-727P 20071029 (61)
US 2007-6225P 20071231 (61)
DT Utility
FS APPLICATION
LN.CNT 4699
INCL INCLM: 134 3
NCL NCLM: 134 3
IC IPCI C23G0001-02 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 8 OF 42 USPATFULL on STN
AN 2009:145255 USPATFULL
TI CHEMICAL MECHANICAL POLISHING AND WAFER CLEANING COMPOSITION COMPRISING AMIDOXIME COMPOUNDS AND ASSOCIATED METHOD FOR USE
IN Lee, Wai Mun, Fremont, CA, UNITED STATES
PI US 20090130849 A1 20090521
AI US 2008-260575 A1 20081029 (12)
PRAI US 2007-727P 20071029 (61)
US 2007-6226P 20071231 (61)
DT Utility
FS APPLICATION
LN.CNT 4625
INCL INCLM: 438/693.000
INCLS: 252/079.100; 257/E21.239
NCL NCLM: 438/693.000
NCLS: 252/079.100; 257/E21.239
IC IPCI H01L0021-304 [I,A]; H01L0021-02 [I,C*]; C09G0001-02 [I,A];
C09G0001-00 [I,C*]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 9 OF 42 USPATFULL on STN
AN 2009:119754 USPATFULL
TI AMIDOXIME COMPOUNDS AS CHELATING AGENTS IN SEMICONDUCTOR PROCESSES
IN Lee, Wai Mun, Fremont, CA, UNITED STATES
Scialdone, Mark A., West Grove, PA, UNITED STATES
Anderson, Albert G., Wilmington, DE, UNITED STATES

PI US 20090107520 A1 20090430
 AI US 2008-260358 A1 20081029 (12)
 PRAI US 2007-727P 20071029 (61)
 DT Utility
 FS APPLICATION
 LN.CNT 2457
 INCL INCLM: 134 2
 INCLS: 510/433.000; 510/175.000; 510/176.000
 NCL NCLM: 134 2
 NCLS: 510/433.000; 510/175.000; 510/176.000
 IC IPCI C23G0001-00 [I,A]; C11D0001-66 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 10 OF 42 USPATFULL on STN
 AN 2008:92960 USPATFULL
 TI Colloidal sealant composition
 IN Bowers, Robert B., Newtown, PA, UNITED STATES
 PI US 20080081217 A1 20080403
 AI US 2006-540553 A1 20061002 (11)
 DT Utility
 FS APPLICATION
 LN.CNT 618
 INCL INCLM: 428/703.000
 INCLS: 106/724.000; 106/737.000; 427/387.000
 NCL NCLM: 428/703.000
 NCLS: 106/724.000; 106/737.000; 427/387.000
 IC IPCI C04B0024-00 [I,A]; C04B0007-00 [I,A]; B32B0013-00 [I,A];
 B05D0003-02 [I,A]
 IPCR C04B0024-00 [I,C]; C04B0024-00 [I,A]; B05D0003-02 [I,C];
 B05D0003-02 [I,A]; B32B0013-00 [I,C]; B32B0013-00 [I,A];
 C04B0007-00 [I,C]; C04B0007-00 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 11 OF 42 USPATFULL on STN
 AN 2007:297240 USPATFULL
 TI Method for the Synthesis of Quaternary Ammonium Compounds and
 Compositions Thereof
 IN Sauer, Joe D., Baton Rouge, LA, UNITED STATES
 Knight, Christopher S., Prairieville, LA, UNITED STATES
 Everly, Charles R., Baton Rouge, LA, UNITED STATES
 Cheng, Chi Hung, Baton Rouge, LA, UNITED STATES
 PA Albemarle Corporation, Baton Rouge, LA, UNITED STATES, 70801-1765 (U.S.
 corporation)
 PI US 20070260089 A1 20071108
 AI US 2005-547333 A1 20050325 (11)
 WO 2005-US10162 20050325
 20070209 PCT 371 date
 PRAI US 2004-557106P 20040326 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 2165
 INCL INCLM: 564/281.000
 NCL NCLM: 564/281.000
 IC IPCI C07C0211-62 [I,A]; C07C0211-00 [I,C*]
 IPCR C07C0211-00 [I,C]; C07C0211-62 [I,A]

L6 ANSWER 12 OF 42 USPATFULL on STN
 AN 2007:217569 USPATFULL
 TI Methods of extracting nucleic acids
 IN Akhavan-Tafti, Hashem, Howell, MI, UNITED STATES
 de Silva, Renuka, Northville, MI, UNITED STATES
 Eickholt, Robert A., Troy, MI, UNITED STATES

Mazelis, Michael E., Warren, MI, UNITED STATES
Xie, Wenhua, Novi, MI, UNITED STATES
Handley, Richard S., Canton, MI, UNITED STATES
Bray, Monica A., Canton, MI, UNITED STATES
Mastronardi, Michelle L., Canton, MI, UNITED STATES
O'Connor, Elizabeth A., Dearborn Hts., MI, UNITED STATES
Siripurapu, Sarada, Novi, MI, UNITED STATES
PA NexGen Diagnostics LLC (U.S. corporation)
PI US 20070190526 A1 20070816
AI US 2007-706547 A1 20070215 (11)
RLI Continuation-in-part of Ser. No. US 2006-773881, filed on 16 Feb 2006,
PENDING
DT Utility
FS APPLICATION
LN.CNT 1390
INCL INCLM: 435 5
INCLS: 536/025.400; 536/023.720
NCL NCLM: 435/005.000
NCLS: 536/023.720; 536/025.400
IC IPCI C12Q0001-70 [I,A]; C07H0021-02 [I,A]; C07H0021-00 [I,C*]
IPCR C12Q0001-70 [I,C]; C12Q0001-70 [I,A]; C07H0021-00 [I,C];
C07H0021-02 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 13 OF 42 USPATFULL on STN
AN 2007:211514 USPATFULL
TI Methods of extracting RNA
IN Akhavan-Tafti, Hashem, Howell, MI, UNITED STATES
PA NexGen Diagnostics LLC (U.S. corporation)
PI US 20070185322 A1 20070809
AI US 2007-703459 A1 20070207 (11)
PRAI US 2006-771510P 20060208 (60)
DT Utility
FS APPLICATION
LN.CNT 1424
INCL INCLM: 536/025.400
NCL NCLM: 536/025.400
IC IPCI C07H0021-02 [I,A]; C07H0021-00 [I,C*]
IPCR C07H0021-00 [I,C]; C07H0021-02 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 14 OF 42 USPATFULL on STN
AN 2006:240649 USPATFULL
TI Methods using novel chemiluminescent labels
IN Akhavan-Tafti, Hashem, Howell, MI, UNITED STATES
Xie, Wenhua, Novi, MI, UNITED STATES
PA Lumigen, Inc. (U.S. corporation)
PI US 20060205094 A1 20060914
AI US 2005-79899 A1 20050314 (11)
DT Utility
FS APPLICATION
LN.CNT 840
INCL INCLM: 436/546.000
NCL NCLM: 436/546.000
IC IPCI G01N0033-533 [I,A]
IPCR G01N0033-533 [I,C]; G01N0033-533 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 15 OF 42 USPATFULL on STN
AN 2004:175096 USPATFULL
TI Hydratable form of keratin for use as a soil amendment
IN Smith, Robert Allen, Jackson, IN, UNITED STATES

Timmons, Scott F., San Antonio, TX, UNITED STATES
 Van Dyke, Mark E., Fair Oaks Ranch, TX, UNITED STATES
 Blanchard, Cheryl R., Warsaw, IN, UNITED STATES
 Siller-Jackson, Arlene J., Helotes, TX, UNITED STATES
 PA Southwest Research Institute (U.S. corporation)
 Keraplast Technologies, Ltd. (U.S. corporation)
 PI US 20040134248 A1 20040715
 AI US 2003-715337 A1 20031117 (10)
 RLI Division of Ser. No. US 2000-516755, filed on 1 Mar 2000, GRANTED, Pat.
 No. US 6649740
 DT Utility
 FS APPLICATION
 LN.CNT 724
 INCL INCLM: 071/015.000
 NCL NCLM: 071/015.000
 IC [7]
 ICM C05F001-00
 IPCI C05F0001-00 [ICM,7]
 IPCR C05F0001-00 [I,C*]; C05F0001-00 [I,A]; C05F0011-00 [I,C*];
 C05F0011-08 [I,A]; C09K0017-14 [I,C*]; C09K0017-32 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 16 OF 42 USPATFULL on STN
 AN 2003:302925 USPATFULL
 TI Hydratable form of keratin for use as a soil amendment
 IN Smith, Robert Allen, Jackson, MS, United States
 Timmons, Scott F., San Antonio, TX, United States
 Van Dyke, Mark E., Fair Oaks Ranch, TX, United States
 Blanchard, Cheryl R., San Antonio, TX, United States
 Siller-Jackson, Arlene J., Helotes, TX, United States
 PA Keraplast Technologies, Ltd., San Antonio, TX, United States (U.S.
 corporation)
 PI US 6649740 B1 20031118
 AI US 2000-516755 20000301 (9)
 DT Utility
 FS GRANTED
 LN.CNT 653
 INCL INCLM: 530/357.000
 INCLS: 530/355.000; 530/842.000; 530/418.000; 530/422.000; 530/423.000;
 514/002.000; 073/073.000; 106/900.000
 NCL NCLM: 530/357.000
 NCLS: 073/073.000; 106/900.000; 530/355.000; 530/418.000; 530/422.000;
 530/423.000; 530/842.000
 IC [7]
 ICM A61K038-17
 ICS C07K014-00
 IPCI A61K0038-17 [ICM,7]; C07K0014-00 [ICS,7]
 IPCR C05F0001-00 [I,C*]; C05F0001-00 [I,A]; C05F0011-00 [I,C*];
 C05F0011-08 [I,A]; C09K0017-14 [I,C*]; C09K0017-32 [I,A]
 EXF 530/357; 530/355; 530/842; 530/418; 530/422; 530/423; 514/12; 073/73;
 106/900
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 17 OF 42 USPATFULL on STN
 AN 2003:211283 USPATFULL
 TI Process for producing part made of magnesium and/or magnesium alloy
 IN Fukumura, Kazunori, Tokushima, JAPAN
 Sakane, Koji, Osaka, JAPAN
 PI US 20030145908 A1 20030807
 US 6787192 B2 20040907
 AI US 2003-257164 A1 20030206 (10)
 WO 2001-JP3676 20010427

PRAI JP 2000-127517 20000427
 DT Utility
 FS APPLICATION
 LN.CNT 951
 INCL INCLM: 148/254.000
 INCLS: 148/256.000
 NCL NCLM: 427/402.000; 148/254.000
 NCLS: 148/275.000; 148/420.000; 427/327.000; 427/337.000; 427/343.000;
 427/376.100; 427/600.000; 148/256.000
 IC [7]
 ICM C23C022-82
 ICS C23C022-78
 IPCI C23C0022-82 [ICM,7]; C23C0022-78 [ICS,7]
 IPCI-2 B05D0001-36 [ICM,7]; B05D0007-00 [ICS,7]; B05D0003-10 [ICS,7];
 B05D0003-02 [ICS,7]
 IPCR C23C0022-05 [I,C*]; C23C0022-68 [I,A]; C23C0022-82 [I,C*];
 C23C0022-83 [I,A]; C23C0026-00 [I,C*]; C23C0026-00 [I,A];
 C23C0028-00 [I,C*]; C23C0028-00 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 18 OF 42 USPATFULL on STN
 AN 2003:137186 USPATFULL
 TI Formulations for neutralization of chemical and biological toxants
 IN Tadros, Maher E., Albuquerque, NM, United States
 Tucker, Mark D., Albuquerque, NM, United States
 PA Sandia Corporation, Albuquerque, NM, United States (U.S. corporation)
 PI US 6566574 B1 20030520
 AI US 2000-607586 20000629 (9)
 RLI Continuation-in-part of Ser. No. US 1998-109235, filed on 30 Jun 1998,
 now abandoned
 PRAI US 1999-146432P 19990729 (60)
 DT Utility
 FS GRANTED
 LN.CNT 1769
 INCL INCLM: 588/200.000
 INCLS: 252/186.410; 510/110.000; 510/370.000; 510/372.000; 510/504.000;
 516/015.000; 588/218.000; 588/221.000; 588/901.000
 NCL NCLM: 252/186.410
 NCLS: 510/110.000; 510/370.000; 510/372.000; 510/504.000; 516/015.000;
 588/318.000; 588/320.000; 588/401.000; 588/408.000; 588/409.000;
 588/901.000
 IC [7]
 ICM A62D003-00
 ICS B01F017-18; B01F017-38; C11D001-62; C11D003-39
 IPCI A62D0003-00 [ICM,7]; B01F017-18 [ICS,7]; B01F017-38 [ICS,7];
 C11D0001-62 [ICS,7]; C11D0001-38 [ICS,7,C*]; C11D0003-39 [ICS,7]
 IPCR A62D0003-00 [I,C*]; A62D0003-00 [I,A]; A62D0003-36 [I,A];
 A62D0003-38 [I,A]; A62D0101-02 [N,A]; A62D0101-26 [N,A];
 A62D0101-28 [N,A]; B01F017-18 [I,C*]; B01F017-18 [I,A];
 B01F017-38 [I,C*]; B01F017-38 [I,A]; C11D0001-38 [I,C*];
 C11D0001-62 [I,A]; C11D0003-39 [I,C*]; C11D0003-39 [I,A]
 EXF 516/15; 252/186.41; 510/110; 510/372; 510/504; 510/370; 588/200;
 588/901; 588/218; 588/221
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 19 OF 42 USPATFULL on STN
 AN 2002:137027 USPATFULL
 TI Pesticidal 1-arylpyrazoles
 IN Phillips, Jennifer, Apex, NC, United States
 Pilato, Michael, Cary, NC, United States
 Wu, Tai-Teh, Chapel Hill, NC, United States
 PA Rhone-Poulenc Agro, Lyons, FRANCE (non-U.S. corporation)

PI US 6403628 B1 20020611
 AI US 2000-578859 20000526 (9)
 RLI Division of Ser. No. US 1999-339175, filed on 24 Jun 1999, now patented,
 Pat. No. US 6087387 Continuation of Ser. No. WO 1997-EP7115, filed on 18
 Dec 1997
 PRAI US 1996-33887P 19961224 (60)
 DT Utility
 FS GRANTED
 LN.CNT 1374
 INCL INCLM: 514/404.000
 INCLS: 548/367.400
 NCL NCLM: 514/404.000
 NCLS: 548/367.400
 IC [7]
 ICM A01N043-50
 ICS C07D231-44
 IPCI A01N0043-50 [ICM,7]; A01N0043-48 [ICM,7,C*]; C07D0231-44 [ICS,7];
 C07D0231-00 [ICS,7,C*]
 IPCR A01N0043-48 [I,C*]; A01N0043-50 [I,A]; A01N0043-56 [I,A];
 A01N0047-02 [I,C*]; A01N0047-02 [I,A]; C07D0231-00 [I,C*];
 C07D0231-12 [I,A]; C07D0231-44 [I,A]; C07D0401-00 [I,C*];
 C07D0401-04 [I,A]
 EXF 548/367.4; 514/404
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 20 OF 42 USPATFULL on STN
 AN 2002:27620 USPATFULL
 TI PESTICIDAL 1-ARYLPYRAZOLE DERIVATIVES
 IN MANNING, DAVID TREADWAY, CARY, NC, UNITED STATES
 PILATO, MICHAEL, CARY, NC, UNITED STATES
 WU, TAI-TEH, CHAPEL HILL, NC, UNITED STATES
 HAWKINS, DAVID WILLIAM, ESSEX, UNITED KINGDOM
 PA Rhone-Poulenc Agrochimie, Lyon, FRANCE
 PI US 20020016468 A1 20020207
 AI US 1999-339176 A1 19990624 (9)
 DT Utility
 FS APPLICATION
 LN.CNT 1541
 INCL INCLM: 546/276.100
 INCLS: 548/367.400; 548/369.400; 548/370.100; 514/414.000; 514/341.000;
 514/407.000
 NCL NCLM: 546/276.100
 NCLS: 548/367.400; 548/369.400; 548/370.100
 IC [7]
 ICM C07D041-02
 ICS A01N043-40; A01N043-38; A01N043-56
 IPCI C07D0041-02 [ICM,7]; A01N0043-40 [ICS,7]; A01N0043-38 [ICS,7];
 A01N0043-34 [ICS,7,C*]; A01N0043-56 [ICS,7]; A01N0043-48
 [ICS,7,C*]
 IPCR A01N0043-48 [I,C*]; A01N0043-56 [I,A]; A01N0047-02 [I,C*];
 A01N0047-02 [I,A]; C07D0231-00 [I,C*]; C07D0231-18 [I,A];
 C07D0231-38 [I,A]; C07D0401-00 [I,C*]; C07D0401-04 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 21 OF 42 USPATFULL on STN
 AN 2001:131473 USPATFULL
 TI Process for the preparation of sulphonated distyryl-biphenyl compounds
 IN Eliu, Victor Paul, Lorrach, Germany, Federal Republic of
 Volkel, Julia, Grenzach-Wyhlen, Germany, Federal Republic of
 Rohringer, Peter, Schonenbuch, Switzerland
 Basler, Roger Wolfgang, Binzen, Germany, Federal Republic of
 Sereinig, Brigitte Gerhild, Grenzach-Wyhlen, Germany, Federal Republic

of
 PA Ciba Specialty Chemicals Corporation, Tarrytown, NY, United States (U.S. corporation)
 PI US 6274761 B1 20010814
 WO 9947495 19990923
 AI US 2000-646397 20000915 (9)
 WO 1999-EP1695 19990316
 20000915 PCT 3/1 date
 20000915 PCT 102(e) date
 PRAI EP 1998-810232 19980319
 DT Utility
 FS GRANTED
 LN.CNT 610
 INCL INCLM: 562/087.000
 INCLS: 562/405.000; 585/435.000; 585/657.000
 NCL NCLM: 562/087.000
 NCLS: 562/405.000; 585/435.000; 585/657.000
 IC [7]
 ICM C07C303-00
 IPCI C07C303-00 [ICM,7]
 IPCR C07C303-00 [I,C*]; C07C303-32 [I,A]; C07C303-00 [I,C*];
 C07C303-32 [I,A]; C11D0003-40 [I,C*]; C11D0003-42 [I,A];
 D06L0003-00 [I,C*]; D06L0003-12 [I,A]; D21H0021-14 [N,C*];
 D21H0021-30 [N,A]
 EXF 562/87; 562/405; 585/435; 585/657
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 22 OF 42 USPATFULL on STN
 AN 2000:131344 USPATFULL
 TI Chemiluminescent labeling compounds
 IN Akhavan-Tafti, Hashem, Howell, MI, United States
 PA Lumigen, Inc., Southfield, MI, United States (U.S. corporation)
 PI US 6126870 20001003
 AI US 1998-99657 19980617 (9)
 RLI Continuation-in-part of Ser. No. US 1997-927381, filed on 12 Sep 1997
 DT Utility
 FS Granted
 LN.CNT 1300
 INCL INCLM: 252/700.000
 INCLS: 546/102.000; 546/103.000; 546/104.000; 544/096.000; 544/212.000;
 435/004.000; 435/005.000; 435/006.000; 435/007.100
 NCL NCLM: 252/700.000
 NCLS: 435/004.000; 435/005.000; 435/006.000; 435/007.100; 544/096.000;
 544/212.000; 546/102.000; 546/103.000; 546/104.000
 IC [7]
 ICM C09K003-00
 ICS C07D219-04; G01N033-53
 IPCI C09K003-00 [ICM,7]; C07D0219-04 [ICS,7]; C07D0219-00 [ICS,7,C*];
 G01N0033-53 [ICS,7]
 IPCR C07D0219-00 [I,C*]; C07D0219-02 [I,A]; C07D0221-00 [I,C*];
 C07D0221-08 [I,A]; C07F0007-00 [I,C*]; C07F0007-18 [I,A];
 C07F0009-00 [I,C*]; C07F0009-113 [I,A]; C07F0009-64 [I,A];
 C07F0009-6553 [I,A]; C09K0011-06 [I,A]; C09K0011-06 [I,C*];
 G01N0033-58 [I,A]; G01N0033-58 [I,C*]
 EXF 252/700; 435/4; 435/5; 435/6; 435/7.1; 546/102; 546/104;
 544/96; 544/212
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 23 OF 42 USPATFULL on STN
 AN 2000:88216 USPATFULL
 TI Pesticidal 1-arylpyrazoles
 IN Phillips, Jennifer, Apex, NC, United States

Pilato, Michael, Cary, NC, United States
Wu, Tai-Teh, Chapel Hill, NC, United States
PA Rhone-Poulenc Agro, Lyons, France (non-U.S. corporation)
PI US 6087387 20000711
AI US 1999-339175 19990624 (9)
RLI Continuation of Ser. No. WO 1997-EP7115, filed on 18 Dec 1997
PRAI US 1996-33887P 19961224 (60)
DT Utility
FS Granted
LN.CNT 1520
INCL INCLM: 514/404.000
INCLS: 548/367.400; 548/368.100; 548/369.100
NCL NCLM: 514/404.000
NCLS: 548/367.400; 548/368.100; 548/369.100
IC [7]
ICM A01N0043-56
ICS C07D231-38
IPCI A01N0043-56 [ICM,7]; A01N0043-48 [ICM,7,C*]; C07D0231-38 [ICS,7];
C07D0231-00 [ICS,7,C*]
IPCR C07D0231-22 [I,A]; A01N0043-48 [I,C*]; A01N0043-50 [I,A];
A01N0043-56 [I,A]; A01N0047-02 [I,C*]; A01N0047-02 [I,A];
C07D0231-00 [I,C*]; C07D0231-12 [I,A]; C07D0231-44 [I,A];
C07D0401-00 [I,C*]; C07D0401-04 [I,A]
EXF 548/367.4; 514/404
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 24 OF 42 USPATFULL on STN
AN 2000:9758 USPATFULL
TI Non-enzymatic methods of generating chemiluminescence from acridan
alkenes
IN Akhavan-Tafti, Hashem, Howell, MI, United States
PA Lumigen, Inc., Southfield, MI, United States (U.S. corporation)
PI US 6017769 20000125
AI US 1998-99656 19980617 (9)
DT Utility
FS Granted
LN.CNT 1331
INCL INCLM: 436/544.000
INCLS: 435/006.000; 435/007.100; 435/026.000; 435/028.000; 435/968.000;
436/546.000; 436/800.000; 436/805.000
NCL NCLM: 436/544.000
NCLS: 435/006.000; 435/007.100; 435/026.000; 435/028.000; 435/968.000;
436/546.000; 436/800.000; 436/805.000
IC [6]
ICM G01N033-532
ICS G01N033-533; C12Q001-32; C12Q001-28
IPCI G01N0033-532 [ICM,6]; G01N0033-533 [ICS,6]; C12Q001-32 [ICS,6];
C12Q001-28 [ICS,6]
IPCR G01N0033-532 [I,C*]; G01N0033-532 [I,A]; C12Q001-28 [I,C*];
C12Q001-28 [I,A]; C12Q001-32 [I,C*]; C12Q001-32 [I,A];
G01N0021-76 [I,C*]; G01N0021-76 [I,A]; G01N0033-52 [I,C*];
G01N0033-52 [I,A]; G01N0033-533 [I,C*]; G01N0033-533 [I,A];
G01N0033-544 [I,C*]; G01N0033-546 [I,A]; G01N0033-58 [I,C*];
G01N0033-58 [I,A]
EXF 436/546; 436/800; 436/544; 436/805; 435/6; 435/7.1; 435/26; 435/28;
435/968
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 25 OF 42 USPATFULL on STN
AN 1998:142816 USPATFULL
TI Method for formation of subsurface barriers using viscous colloids
IN Apps, John A., Lafayette, CA, United States

Persoff, Peter, Piedmont, CA, United States
Moridis, George, Oakland, CA, United States
Pruss, Karsten, Berkeley, CA, United States

PA The Regents of the University of California, Oakland, CA, United States
(U.S. corporation)

PI US 5836390 19981117
AI US 1996-745089 19961107 (8)
PRAI US 1995-6320P 19951107 (60)
DT Utility
FS Granted
LN.CNT 1301

INCL INCLM: 166/281.000
INCLS: 405/263.000

NCL NCLM: 166/281.000
NCLS: 405/129.600; 405/263.000; 405/264.000; 405/266.000

IC [6]
ICM E21B033-13
IPCI E21B0033-13 [ICM,6]
IPCR C09K0017-02 [I,C*]; C09K0017-12 [I,A]; C09K0017-14 [I,C*];
C09K0017-18 [I,A]; C09K0017-38 [I,A]; E02D0031-00 [I,C*];
E02D0031-00 [I,A]

EXF 166/281; 166/282; 166/272.4; 166/285; 166/300; 405/50; 405/258; 405/263;
405/264

L6 ANSWER 26 OF 42 USPATFULL on STN
AN 96:77837 USPATFULL
TI Silicone rubber composition
IN Inoue, Yoshio, Annaka, Japan
Takahashi, Masaharu, Annaka, Japan
Sekiguchi, Susumu, Annaka, Japan
Igarashi, Minoru, Annaka, Japan

PA Shin-Etsu Chemical Co., Ltd., Tokyo, Japan (non-U.S. corporation)
PI US 5550185 19960827
AI US 1994-240530 19940510 (8)
PRAI JP 1993-132814 19930511
DT Utility
FS Granted
LN.CNT 602

INCL INCLM: 524/847.000
INCLS: 524/862.000; 524/863.000; 524/864.000; 528/018.000; 528/033.000;
528/038.000; 528/041.000; 528/901.000

NCL NCLM: 524/847.000
NCLS: 524/862.000; 524/863.000; 524/864.000; 528/018.000; 528/033.000;
528/038.000; 528/041.000; 528/901.000

IC [6]
ICM C08L083-04
ICS C08G077-06
IPCI C08L0083-04 [ICM,6]; C08L0083-00 [ICM,6,C*]; C08G0077-06 [ICS,6];
C08G0077-00 [ICS,6,C*]
IPCR C08K0003-00 [I,C*]; C08K0003-36 [I,A]; C08G0077-00 [I,C*];
C08G0077-32 [I,A]; C08K0005-00 [I,C*]; C08K0005-5425 [I,A];
C08L0083-00 [I,C*]; C08L0083-04 [I,A]; C08L0083-06 [I,A]

EXF 524/862; 524/863; 524/864; 524/847; 528/18; 528/33; 528/38; 528/41;
528/901

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 27 OF 42 USPATFULL on STN
AN 94:20065 USPATFULL
TI Developer composition for irradiated, radiation-sensitive
positive-working, negative-working and reversible reprographic layers
IN Buhr, Gerhard, Koenigstein, Germany, Federal Republic of
Elsaesser, Andreas, Idstein, Germany, Federal Republic of

Frass, Hans W., Wiesbaden, Germany, Federal Republic of
 Leupold, Ernst I., Neu-Anspach, Germany, Federal Republic of
 Hoechst Aktiengesellschaft, Frankfurt am Main, Germany, Federal Republic
 of (non-U.S. corporation)

PA US 5292626 19940308
 AI US 1991-750313 19910827 (7)
 PRAI DE 1990-4027299 19900829
 DT Utility
 FS Granted
 LN.CNT 723
 INCL INCLM: 430/331.000
 INCLS: 430/309.000; 430/325.000; 430/326.000
 NCL NCLM: 430/331.000
 NCLS: 430/309.000; 430/325.000; 430/326.000
 IC [5]
 ICM G03F0007-32
 IPCI G03F0007-32 [ICM,5]
 IPCR G03F0007-32 [I,C*]; G03F0007-32 [I,A]
 EXF 430/309; 430/331; 430/326; 430/325; 134/38; 252/139; 252/158; 252/170;
 252/DIG.8
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 28 OF 42 USPATFULL on STN
 AN 93:96105 USPATFULL
 TI Pyridine derivatives and their use for controlling undesirable plant
 growth
 IN Hamprecht, Gerhard, Weinheim, Germany, Federal Republic of
 Goetz, Norbert, Worms, Germany, Federal Republic of
 Wuerzler, Bruno, Otterstadt, Germany, Federal Republic of
 Westphalen, Karl-Otto, Speyer, Germany, Federal Republic of
 PA BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of
 (non-U.S. corporation)
 PI US 5262387 19931116
 AI US 1991-783310 19911120 (7)
 RLI Division of Ser. No. US 1990-594934, filed on 10 Oct 1990, now abandoned
 PRAI DE 1989-3933802 19891010
 DT Utility
 FS Granted
 LN.CNT 2235
 INCL INCLM: 504/260.000
 INCLS: 504/225.000; 504/248.000; 504/250.000; 504/251.000; 504/252.000;
 504/253.000; 504/254.000; 504/255.000; 504/225.000; 504/257.000;
 544/131.000; 544/333.000; 546/286.000; 546/291.000; 546/309.000;
 546/315.000; 546/316.000; 546/318.000; 546/322.000
 NCL NCLM: 504/260.000
 NCLS: 504/225.000; 504/239.000; 504/248.000; 504/250.000; 504/251.000;
 504/252.000; 504/253.000; 504/254.000; 504/255.000; 504/257.000;
 544/131.000; 544/333.000; 546/286.000; 546/291.000; 546/309.000;
 546/315.000; 546/316.000; 546/318.000; 546/322.000
 IC [5]
 ICM A01N0043-40
 ICS C07D213-81; C07D213-82
 IPCI A01N0043-40 [ICM,5]; A01N0043-34 [ICM,5,C*]; C07D0213-81 [ICS,5];
 C07D0213-82 [ICS,5]; C07D0213-00 [ICS,5,C*]
 IPCR A01N0043-34 [I,C*]; A01N0043-40 [I,A]; A01N0043-90 [I,C*];
 A01N0043-90 [I,A]; C07D0213-00 [I,C*]; C07D0213-81 [I,A];
 C07D0213-82 [I,A]; C07D0471-00 [I,C*]; C07D0471-04 [I,A]
 EXF 546/286; 546/291; 546/316; 546/318; 546/322; 546/315; 546/309; 071/94;
 504/248; 504/250; 504/251; 504/252; 504/253; 504/254; 504/255; 504/257;
 504/225; 504/260; 504/239; 544/131; 544/333
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 29 OF 42 USPATFULL on STN
 AN 93:96102 USPATFULL
 TI Pyridine derivatives and their use for controlling undesirable plant growth
 IN Hamprecht, Gerhard, Weinheim, Germany, Federal Republic of
 Goetz, Norbert, Worms, Germany, Federal Republic of
 Wuerzer, Bruno, Otterstadt, Germany, Federal Republic of
 Westphalen, Karl-Otto, Speyer, Germany, Federal Republic of
 PA BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of
 (non-U.S. corporation)
 PI US 5262384 19931116
 AI US 1992-825793 19920121 (7)
 RLI Continuation-in-part of Ser. No. US 1990-594934, filed on 10 Oct 1990,
 now abandoned
 PRAI DE 1989-3933802 19891010
 DT Utility
 FS Granted
 LN.CNT 2226
 INCL INCLM: 504/225.000
 INCLS: 504/239.000; 504/246.000; 544/127.000; 544/333.000; 546/113.000
 NCL NCLM: 504/225.000
 NCLS: 504/239.000; 504/246.000; 544/127.000; 544/333.000; 546/113.000
 IC [5]
 ICM A01N043-90
 ICS C07D047-04
 IPCI A01N0043-90 [ICM,5]; C07D0047-04 [ICS,5]
 IPCR A01N0043-34 [I,C*]; A01N0043-40 [I,A]; A01N0043-90 [I,C*];
 A01N0043-90 [I,A]; C07D0213-00 [I,C*]; C07D0213-81 [I,A];
 C07D0213-82 [I,A]; C07D0471-00 [I,C*]; C07D0471-04 [I,A]
 EXF 546/113; 544/127; 544/333; 071/92; 071/94; 504/239; 504/225; 504/246
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 30 OF 42 USPATFULL on STN
 AN 93:63141 USPATFULL
 TI Herbicidal 2-(phenoxy or phenylthio)-2-(,3,5-triazinyloxy) alkanolic acids
 IN Smith, Michael G., Walnut Creek, CA, United States
 Lo, William C., Hercules, CA, United States
 Jacks, Wendy S., Walnut Creek, CA, United States
 Ehr, Robert J., Vallejo, CA, United States
 PA DowElanco, Indianapolis, IN, United States (U.S. corporation)
 PI US 5232896 19930803
 AI US 1992-879472 19920506 (7)
 RLI Division of Ser. No. US 1991-692742, filed on 29 Apr 1991
 DT Utility
 FS Granted
 LN.CNT 1301
 INCL INCLM: 504/212.000
 INCLS: 544/194.000; 544/208.000; 544/209.000; 544/211.000; 544/212.000;
 544/213.000; 544/217.000; 544/218.000; 544/219.000
 NCL NCLM: 504/212.000
 NCLS: 544/194.000; 544/208.000; 544/209.000; 544/211.000; 544/212.000;
 544/213.000; 544/217.000; 544/218.000; 544/219.000
 IC [5]
 ICM A01N043-66
 ICS C07D251-30
 IPCI A01N0043-66 [ICM,5]; A01N0043-64 [ICM,5,C*]; C07D0251-30 [ICS,5];
 C07D0251-00 [ICS,5,C*]
 IPCR A01N0043-48 [I,C*]; A01N0043-54 [I,A]; A01N0043-64 [I,C*];
 A01N0043-66 [I,A]; C07D0239-00 [I,C*]; C07D0239-34 [I,A];
 C07D0239-46 [I,A]; C07D0239-47 [I,A]; C07D0239-52 [I,A];
 C07D0239-60 [I,A]

EXF 071/93; 544/194; 544/208; 544/209; 544/211; 544/212; 544/213; 544/217;
544/218; 544/219

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 31 OF 42 USPATFULL on STN

AN 93:33112 USPATFULL

TI Isoxazole(isothiazole)-5-carboxamides

IN Freund, Wolfgang, Neustadt, Germany, Federal Republic of
Kuekenhoechner, Thomas, Frankenthal, Germany, Federal Republic of
Hamprecht, Gerhard, Weinheim, Germany, Federal Republic of
Wuerzler, Bruno, Otterstadt, Germany, Federal Republic of
Westphalen, Karl-Otto, Speyer, Germany, Federal Republic of
Meyer, Norbert, Ladenburg, Germany, Federal Republic of
Theobald, Hans, Limburgerhof, Germany, Federal Republic of
PA BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of
(non-U.S. corporation)

PI US 5205854 19930427

AI US 1991-764214 19910923 (7)

RLI Division of Ser. No. US 1989-337640, filed on 13 Apr 1989, now patented,
Pat. No. US 5080708

PRAI DE 1988-3812225 19880413

DT Utility

FS Granted

LN.CNT 2028

INCL INCLM: 504/191.000

INCLS: 548/214.000; 504/252.000; 504/250.000; 504/253.000; 504/225.000;
504/248.000; 504/266.000; 504/193.000; 504/196.000; 504/249.000;
504/239.000; 504/269.000; 504/219.000; 504/221.000; 504/235.000

NCL NCLM: 504/191.000

NCLS: 504/193.000; 504/196.000; 504/219.000; 504/221.000; 504/225.000;
504/235.000; 504/239.000; 504/248.000; 504/249.000; 504/250.000;
504/252.000; 504/253.000; 504/266.000; 504/269.000; 548/214.000

IC [5]

ICM A01N043-80

ICS C07D275-03

IPCI A01N0043-80 [ICM,5]; A01N0043-72 [ICM,5,C*]; C07D0275-03 [ICS,5];
C07D0275-00 [ICS,5,C*]

IPCR A01N0043-72 [I,C*]; A01N0043-80 [I,A]; A01N0043-84 [I,A];
A01N0055-00 [I,C*]; A01N0055-00 [I,A]; A01N0057-00 [I,C*];
A01N0057-24 [I,A]; C07D0261-00 [I,C*]; C07D0261-18 [I,A];
C07D0275-00 [I,C*]; C07D0275-02 [N,A]; C07D0275-03 [I,A];
C07D0413-00 [I,C*]; C07D0413-04 [I,A]; C07D0413-12 [I,A];
C07D0417-00 [I,C*]; C07D0417-12 [I,A]

EXF 548/214; 071/90

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 32 OF 42 USPATFULL on STN

AN 93:30977 USPATFULL

TI Isoxazole- and isothiazole-5-carboxamides

IN Maywald, Volker, Ludwigshafen, Germany, Federal Republic of
Muenster, Peter, Neulussheim, Germany, Federal Republic of
Koenig, Hartmann, Limburgerhof, Germany, Federal Republic of
Hamprecht, Gerhard, Weinheim, Germany, Federal Republic of
Kuekenhoechner, Thomas, Boehl-Iggelheim, Germany, Federal Republic of
Walter, Helmut, Obrigheim, Germany, Federal Republic of
Westphalen, Karl-Otto, Speyer, Germany, Federal Republic of
Gerber, Matthias, Mutterstadt, Germany, Federal Republic of
PA BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of
(non-U.S. corporation)

PI US 5203907 19930420

AI US 1992-849256 19920311 (7)

PRAI DE 1991-4108181 19910314

DT Utility
 FS Granted
 LN.CNT 1598
 INCL INCLM: 504/191.000
 INCLS: 548/214.000; 548/248.000; 504/269.000; 504/271.000; 504/193.000;
 504/196.000; 504/270.000
 NCL NCLM: 504/191.000
 NCLS: 504/193.000; 504/196.000; 504/269.000; 504/270.000; 504/271.000;
 548/214.000; 548/248.000
 IC [5]
 ICM A01N043-26
 ICS C07D026-06; C07D275-02
 IPCI A01N0043-26 [ICM,5]; A01N0043-02 [ICM,5,C*]; C07D0026-06 [ICS,5];
 C07D0275-02 [ICS,5]; C07D0275-00 [ICS,5,C*]
 IPCR A01N0043-72 [I,C*]; A01N0043-80 [I,A]; C07D0261-00 [I,C*];
 C07D0261-18 [I,A]; C07D0275-00 [I,C*]; C07D0275-02 [I,A];
 C07D0275-03 [I,A]; C07D0413-00 [I,C*]; C07D0413-04 [I,A];
 C07D0417-00 [I,C*]; C07D0417-04 [I,A]; C07F0009-00 [I,C*];
 C07F0009-653 [I,A]; C07F0009-6539 [I,A]
 EXF 548/214; 548/248; 071/88; 071/90
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 33 OF 42 USPATFULL on STN
 AN 92:80514 USPATFULL
 TI Herbicidal 2-(phenoxy or phenylthio)-2-(pyrimidinylloxy or
 1,3,5-triazinylloxy)-alkanoic acids
 IN Smith, Michael G., Walnut Creek, CA, United States
 Jacks, Wendy S., Walnut Creek, CA, United States
 Lo, William C., Hercules, CA, United States
 Ehr, Robert J., Vallejo, CA, United States
 PA DowElanco, Indianapolis, IN, United States (U.S. corporation)
 PI US 515113 19920929
 AI US 1991-692742 19910429 (7)
 DT Utility
 FS Granted
 LN.CNT 1102
 INCL INCLM: 071/092.000
 INCLS: 514/256.000; 544/299.000; 544/315.000; 544/318.000; 544/334.000
 NCL NCLM: 504/242.000
 NCLS: 504/168.000; 504/178.000; 504/225.000; 504/227.000; 504/230.000;
 504/231.000; 504/234.000; 504/243.000; 514/256.000; 544/299.000;
 544/315.000; 544/318.000; 544/334.000
 IC [5]
 ICM A01N043-54
 ICS C07D239-34; C07D239-52
 IPCI A01N0043-54 [ICM,5]; A01N0043-48 [ICM,5,C*]; C07D0239-34 [ICS,5];
 C07D0239-52 [ICS,5]; C07D0239-00 [ICS,5,C*]
 IPCR A01N0043-48 [I,C*]; A01N0043-54 [I,A]; A01N0043-64 [I,C*];
 A01N0043-66 [I,A]; C07D0239-00 [I,C*]; C07D0239-34 [I,A];
 C07D0239-46 [I,A]; C07D0239-47 [I,A]; C07D0239-52 [I,A];
 C07D0239-60 [I,A]
 EXF 544/299; 544/315; 544/318; 544/334; 514/256; 071/92
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 34 OF 42 USPATFULL on STN
 AN 92:8739 USPATFULL
 TI Salicylaldehyde derivatives and salicyclic acid derivatives and their
 sulfur analogs and their use as herbicides
 IN Vogelbacher, Uwe J., Ludwigshafen, Germany, Federal Republic of
 Eicken, Karl, Wachenheim, Germany, Federal Republic of
 Rheinheimer, Joachim, Ludwigshafen, Germany, Federal Republic of
 Goetz, Norbert, Worms, Germany, Federal Republic of

Harreus, Albrecht, Ludwigshafen, Germany, Federal Republic of
Paul, Gerhard, Ludwigshafen, Germany, Federal Republic of
Westphalen, Karl-Otto, Speyer, Germany, Federal Republic of
Wuerzler, Bruno, Otterstadt, Germany, Federal Republic of
PA BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of
(non-U.S. corporation)
PI US 5085686 19920204
AI US 1990-537129 19900613 (7)
PRAI DE 1989-3919435 19890614
DT Utility
FS Granted
LN.CNT 1993
INCL INCLM: 071/092.000
INCLS: 071/090.000; 544/300.000; 544/301.000; 544/302.000; 544/310.000;
544/312.000; 544/314.000; 544/316.000; 544/318.000
NCL NCLM: 504/242.000
NCLS: 504/168.000; 504/178.000; 504/185.000; 504/191.000; 504/227.000;
504/230.000; 504/243.000; 544/300.000; 544/301.000; 544/302.000;
544/310.000; 544/312.000; 544/314.000; 544/316.000; 544/318.000
IC [5]
ICM C07D239-34
ICS C07D239-52; C07D239-60; A01N043-54
IPCI C07D0239-34 [ICM,5]; C07D0239-52 [ICS,5]; C07D0239-60 [ICS,5];
C07D0239-00 [ICS,5,C*]; A01N0043-54 [ICS,5]; A01N0043-48
[ICS,5,C*]
IPCR C07D0249-00 [I,C*]; C07D0249-08 [I,A]; A01N0043-48 [I,C*];
A01N0043-54 [I,A]; A01N0043-56 [I,A]; A01N0043-64 [I,C*];
A01N0043-653 [I,A]; A01N0043-66 [I,A]; C07D0213-00 [I,C*];
C07D0213-55 [I,A]; C07D0213-61 [I,A]; C07D0215-00 [I,C*];
C07D0215-14 [I,A]; C07D0215-18 [I,A]; C07D0231-00 [I,C*];
C07D0231-12 [I,A]; C07D0231-16 [I,A]; C07D0239-00 [I,C*];
C07D0239-52 [I,A]; C07D0239-60 [I,A]; C07D0249-04 [I,A];
C07D0249-06 [I,A]; C07D0251-00 [I,C*]; C07D0251-16 [I,A];
C07D0251-30 [I,A]; C07D0261-00 [I,C*]; C07D0261-08 [I,A];
C07D0261-10 [I,A]; C07D0263-00 [I,C*]; C07D0263-32 [I,A];
C07D0277-00 [I,C*]; C07D0277-20 [I,A]; C07D0277-30 [I,A];
C07D0277-62 [I,A]; C07D0285-00 [I,C*]; C07D0285-12 [I,A];
C07D0333-00 [I,C*]; C07D0333-22 [I,A]; C07D0401-00 [I,C*];
C07D0401-12 [I,A]; C07D0403-00 [I,C*]; C07D0403-12 [I,A];
C07D0409-00 [I,C*]; C07D0409-12 [I,A]; C07D0413-00 [I,C*];
C07D0413-12 [I,A]; C07D0417-00 [I,C*]; C07D0417-12 [I,A];
C07D0521-00 [I,C*]; C07D0521-00 [I,A]
EXF 071/92; 071/90; 544/300; 544/301; 544/302; 544/310; 544/312; 544/314;
544/316; 544/318
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 35 OF 42 USPATFULL ON STN
AN 92:3246 USPATFULL
TI Isoxazole(isothiazole)-5-carboxamides
IN Freund, Wolfgang, Neustadt, Germany, Federal Republic of
Kuekenhoechner, Thomas, Frankenthal, Germany, Federal Republic of
Hamprecht, Gerhard, Weinheim, Germany, Federal Republic of
Wuerzler, Bruno, Otterstadt, Germany, Federal Republic of
Westphalen, Karl-Otto, Speyer, Germany, Federal Republic of
Meyer, Norbert, Ladenburg, Germany, Federal Republic of
Theobald, Hans, Limburgerhof, Germany, Federal Republic of
PA BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of
(non-U.S. corporation)
PI US 5080708 19920114
AI US 1989-337640 19890413 (7)
PRAI DE 1988-3812225 19880413
DT Utility

FS Granted
LN.CNT 2065
INCL INCLM: 071/088.000
INCLS: 071/086.000; 071/090.000; 071/092.000; 071/094.000; 071/095.000;
544/064.000; 544/069.000; 544/137.000; 544/225.000; 544/229.000;
544/243.000; 544/328.000; 544/331.000; 546/005.000; 546/014.000;
546/022.000; 546/209.000; 546/275.000; 548/104.000; 548/110.000;
548/119.000; 548/238.000; 548/243.000; 548/248.000
NCL NCLM: 504/191.000
NCLS: 504/193.000; 504/196.000; 504/225.000; 504/239.000; 504/248.000;
504/252.000; 504/253.000; 504/266.000; 504/269.000; 504/270.000;
504/271.000; 544/064.000; 544/069.000; 544/137.000; 544/225.000;
544/229.000; 544/243.000; 544/328.000; 544/331.000; 546/005.000;
546/014.000; 546/022.000; 546/209.000; 546/269.700; 546/271.100;
546/271.400; 546/272.100; 548/104.000; 548/110.000; 548/119.000;
548/238.000; 548/243.000; 548/248.000
IC [5]
ICM A01N043-80
ICS A01N043-76; A01N043-48; C07D263-34; C07D263-36; C07D261-04;
C07D413-04; C07D413-12; C07D413-14
IPCI A01N0043-80 [ICM,5]; A01N0043-76 [ICS,5]; A01N0043-72 [ICS,5,C*];
A01N0043-48 [ICS,5]; C07D0263-34 [ICS,5]; C07D0263-36 [ICS,5];
C07D0263-00 [ICS,5,C*]; C07D0261-04 [ICS,5]; C07D0261-00
[ICS,5,C*]; C07D0413-04 [ICS,5]; C07D0413-12 [ICS,5]; C07D0413-14
[ICS,5]; C07D0413-00 [ICS,5,C*]
IPCR A01N0043-72 [I,C*]; A01N0043-80 [I,A]; A01N0043-84 [I,A];
A01N0055-00 [I,C*]; A01N0055-00 [I,A]; A01N0057-00 [I,C*];
A01N0057-24 [I,A]; C07D0261-00 [I,C*]; C07D0261-18 [I,A];
C07D0275-00 [I,C*]; C07D0275-02 [N,A]; C07D0275-03 [I,A];
C07D0413-00 [I,C*]; C07D0413-04 [I,A]; C07D0413-12 [I,A];
C07D0417-00 [I,C*]; C07D0417-12 [I,A]
EXF 548/238; 548/243; 548/248; 548/110; 548/119; 548/104; 071/88; 071/90;
071/92; 071/94; 071/95; 071/86; 544/137; 544/331; 544/64; 544/69;
544/225; 544/229; 544/243; 544/328; 546/209; 546/275; 546/5; 546/14;
546/22

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 36 OF 42 USPATFULL ON STN
AN 91:86381 USPATFULL
TI Butenoic acid derivatives and use as herbicides
IN Kohsaka, Hideo, Takarazuka, Japan
Takase, Masayuki, Takarazuka, Japan
PA Sumitomo Chemical Company, Limited, Osaka, Japan (non-U.S. corporation)
PI US 5059237 19911022
AI US 1986-895998 19860813 (6)
PRAI JP 1985-177978 19850813
JP 1985-177979 19850813
JP 1985-230536 19851015
JP 1986-35570 19860220
JP 1986-52304 19860310
JP 1986-115905 19860520
JP 1986-122924 19860528
JP 1986-135595 19860611
JP 1986-142275 19860617
DT Utility
FS Granted
LN.CNT 2181
INCL INCLM: 071/092.000
INCLS: 548/301.000; 548/302.000; 548/101.000; 548/108.000
NCL NCLM: 504/276.000
NCLS: 504/177.000; 504/181.000; 504/191.000; 504/225.000; 504/235.000;
504/277.000; 548/101.000; 548/108.000; 548/302.700; 548/315.700;

548/316.100; 548/324.100

IC [5]
 ICM A01N043-48
 ICS C07D233-00; C07D235-00
 IPCI A01N0043-48 [ICM,5]; C07D0233-00 [ICS,5]; C07D0235-00 [ICS,5]
 IPCR C07D0207-00 [I,C*]; C07D0207-44 [N,A]; C07D0207-452 [I,A];
 C07D0233-00 [I,C*]; C07D0233-70 [I,A]; C07D0233-84 [I,A];
 C07D0405-00 [I,C*]; C07D0405-12 [I,A]; C07D0487-00 [I,C*];
 C07D0487-04 [I,A]

EXF 548/301; 548/302; 071/92
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 37 OF 42 USPATFULL ON STN
 AN 88:19184 USPATFULL
 TI Cyclohexane-1,3-dione derivatives and their use for controlling
 undesirable plant growth
 IN Keil, Michael, Freinsheim, Germany, Federal Republic of
 Becker, Rainer, Bad Dürkheim, Germany, Federal Republic of
 Goetz, Norbert, Worms, Germany, Federal Republic of
 Jahn, Dieter, Edingen-Neckarhausen, Germany, Federal Republic of
 Spiegler, Wolfgang, Worms, Germany, Federal Republic of
 Wuerzer, Bruno, Otterstadt, Germany, Federal Republic of
 PA BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of
 (non-U.S. corporation)
 PI US 4734121 19880329
 AI US 1986-933902 19861124 (6)
 RLI Division of Ser. No. US 1983-543236, filed on 18 Oct 1983, now patented,
 Pat. No. US 4668275
 PRAI DE 1982-3239071 19821022
 DT Utility
 FS Granted
 LN.CNT 954
 INCL INCLM: 071/088.000
 INCLS: 549/444.000; 549/442.000
 NCL NCLM: 504/296.000
 NCLS: 549/442.000; 549/444.000

IC [4]
 ICM A01N043-00
 ICS C07D317-54
 IPCI A01N0043-00 [ICM,4]; C07D0317-54 [ICS,4]; C07D0317-00 [ICS,4,C*]
 IPCR C07D0209-00 [I,C*]; C07D0209-14 [I,A]; A01N0035-00 [I,C*];
 A01N0035-06 [I,A]; A01N0037-44 [I,C*]; A01N0037-44 [I,A];
 A01N0043-02 [I,C*]; A01N0043-12 [I,A]; A01N0043-16 [I,A];
 A01N0043-30 [I,A]; A01N0043-34 [I,C*]; A01N0043-38 [I,A];
 A01N0043-42 [I,A]; A01N0043-90 [I,C*]; A01N0043-90 [I,A];
 C07C0067-00 [I,C*]; C07C0067-00 [I,A]; C07C0239-00 [I,C*];
 C07C0239-00 [I,A]; C07C0239-14 [I,A]; C07C0251-00 [I,C*];
 C07C0251-50 [I,A]; C07D0215-00 [I,C*]; C07D0215-12 [I,A];
 C07D0215-20 [I,A]; C07D0215-22 [N,A]; C07D0215-233 [I,A];
 C07D0215-36 [I,A]; C07D0307-00 [I,C*]; C07D0307-79 [I,A];
 C07D0307-81 [I,A]; C07D0311-00 [I,C*]; C07D0311-58 [I,A];
 C07D0317-00 [I,C*]; C07D0317-58 [I,A]; C07D0333-00 [I,C*];
 C07D0333-58 [I,A]; C07D0333-62 [I,A]; C07D0493-00 [I,C*];
 C07D0493-04 [I,A]

EXF 549/444; 549/442; 071/88
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 38 OF 42 USPATFULL ON STN
 AN 88:11276 USPATFULL
 TI Herbicidal and plant growth regulating imidazoline derivatives
 IN Uemura, Masatoshi, Sodegaura, Japan
 Sakamoto, Masashi, Sodegaura, Japan

Kikkawa, Nobuyuki, Sodegaura, Japan

PA Idemitsu Kosan Company Limited, Tokyo, Japan (non-U.S. corporation)

PI US 4726835 19880223

AI US 1986-934482 19861124 (6)

PRAI JP 1985-271158 19851202

JP 1986-184168 19860807

DT Utility

FS Granted

LN.CNT 1786

INCL INCLM: 071/092.000

INCLS: 544/109.000; 544/331.000; 546/210.000; 548/301.000

NCL NCLM: 504/277.000

NCLS: 504/181.000; 504/225.000; 504/239.000; 504/248.000; 544/109.000; 544/331.000; 546/210.000; 548/300.700; 548/302.700; 548/315.700; 548/324.100

IC [4]

ICM A01N043-50

ICS C07D403-12; C07D401-12; C07D413-12

IPCI A01N0043-50 [ICM,4]; A01N0043-48 [ICM,4,C*]; C07D0403-12 [ICS,4]; C07D0403-00 [ICS,4,C*]; C07D0401-12 [ICS,4]; C07D0401-00 [ICS,4,C*]; C07D0413-12 [ICS,4]; C07D0413-00 [ICS,4,C*]

IPCR A01N0043-48 [I,C*]; A01N0043-50 [I,A]; A01N0043-52 [I,A]; C07D0233-00 [I,C*]; C07D0233-70 [I,A]; C07D0233-84 [I,A]; C07D0235-00 [I,C*]; C07D0235-02 [I,A]; C07D0487-00 [I,C*]; C07D0487-04 [I,A]

EXF 548/301; 071/92; 546/210; 544/109; 544/331

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 39 OF 42 USPATFULL ON STN

AN 87:37580 USPATFULL

TI Cyclohexane-1,3-dione derivatives and their use for controlling undesirable plant growth

IN Keil, Michael, Freinsheim, Germany, Federal Republic of
Becker, Rainer, Bad Dürkheim, Germany, Federal Republic of
Goetz, Norbert, Worms, Germany, Federal Republic of
Jahn, Dieter, Edingen-Neckarhausen, Germany, Federal Republic of
Spiegler, Wolfgang, Worms, Germany, Federal Republic of
Wuerzer, Bruno, Otterstadt, Germany, Federal Republic of

PA BASF Aktiengesellschaft, Germany, Federal Republic of (non-U.S. corporation)

PI US 4668275 19870526

AI US 1983-543236 19831018 (6)

PRAI DE 1982-3239071 19821022

DT Utility

FS Granted

LN.CNT 956

INCL INCLM: 071/088.000

INCLS: 549/396.000

NCL NCLM: 504/292.000

NCLS: 504/235.000; 504/247.000; 504/267.000; 504/284.000; 504/289.000; 504/296.000; 504/298.000; 504/344.000; 549/396.000

IC [4]

ICM A01N043-00

ICS C07D311-00

IPCI A01N0043-00 [ICM,4]; C07D0311-00 [ICS,4]

IPCR C07D0209-00 [I,C*]; C07D0209-14 [I,A]; A01N0035-00 [I,C*]; A01N0035-06 [I,A]; A01N0037-44 [I,C*]; A01N0037-44 [I,A]; A01N0043-02 [I,C*]; A01N0043-12 [I,A]; A01N0043-16 [I,A]; A01N0043-30 [I,A]; A01N0043-34 [I,C*]; A01N0043-38 [I,A]; A01N0043-42 [I,A]; A01N0043-90 [I,C*]; A01N0043-90 [I,A]; C07C0067-00 [I,C*]; C07C0067-00 [I,A]; C07C0239-00 [I,C*]; C07C0239-00 [I,A]; C07C0239-14 [I,A]; C07C0251-00 [I,C*];

C07C0251-50 [I,A]; C07D0215-00 [I,C*]; C07D0215-12 [I,A];
 C07D0215-20 [I,A]; C07D0215-22 [N,A]; C07D0215-233 [I,A];
 C07D0215-36 [I,A]; C07D0307-00 [I,C*]; C07D0307-79 [I,A];
 C07D0307-81 [I,A]; C07D0311-00 [I,C*]; C07D0311-58 [I,A];
 C07D0317-00 [I,C*]; C07D0317-58 [I,A]; C07D0333-00 [I,C*];
 C07D0333-58 [I,A]; C07D0333-62 [I,A]; C07D0493-00 [I,C*];
 C07D0493-04 [I,A]

EXF 549/396; 071/88

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 40 OF 42 USPATFULL ON STN

AN 85:60809 USPATFULL

TI 3,4-Di-(methylamino)-6-tert.-butyl-4,5-dihydro-1,2,4-triazin-5-one, its
 use as herbicide and a process for its production

IN Bohner, Beat, Binningen, Switzerland

PA Ciba Geigy Corporation, Ardsley, NY, United States (U.S. corporation)

PI US 4547216 19851015

AI US 1984-568869 19840106 (6)

PRAI CH 1983-150 19830112

DT Utility

FS Granted

LN.CNT 546

INCL INCLM: 071/093.000

INCLS: 544/182.000

NCL NCLM: 504/229.000

NCLS: 544/182.000

IC [4]

ICM A01N043-64

ICS C07D253-06

IPCI A01N0043-64 [ICM,4]; C07D0253-06 [ICS,4]; C07D0253-00 [ICS,4,C*]

IPCR C07D0253-06 [I,A]; A01N0043-64 [I,C*]; A01N0043-707 [I,A];

C07D0253-00 [I,C*]; C07D0253-075 [I,A]

EXF 544/182; 071/93

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 41 OF 42 USPATFULL ON STN

AN 82:17442 USPATFULL

TI Herbicidal and phytohormonal amidoximes

IN Farge, Daniel, Thiais, France

Leboul, Jean, Gif sur Yvette, France

Le Goff, Yves, Bretigny/Orge, France

Poiget, Gilbert, Thiais, France

PA Philargo, Lyons, France (non-U.S. corporation)

PI US 4324579 19820413

AI US 1980-116452 19800129 (6)

RLI Division of Ser. No. US 1978-906863, filed on 17 May 1978, now patented,
 Pat. No. US 4216006 which is a division of Ser. No. US 1976-722215,
 filed on 10 Sep 1976, now patented, Pat. No. US 4116974

PRAI FR 1975-27884 19750911

FR 1976-21717 19760708

DT Utility

FS Granted

LN.CNT 536

INCL INCLM: 071/074.000

INCLS: 071/070.000; 071/072.000; 071/073.000; 071/075.000; 071/077.000;
 071/095.000; 071/098.000; 071/103.000; 071/111.000; 071/114.000;
 260/326.200; 260/326.220; 260/326.470; 260/349.000; 560/013.000;
 560/022.000; 560/029.000; 560/035.000; 562/430.000; 562/437.000;
 562/440.000

NCL NCLM: 504/283.000

NCLS: 548/561.000; 552/008.000; 560/013.000; 560/022.000; 560/029.000;
 560/035.000; 562/430.000; 562/437.000; 562/440.000

IC [3]
 ICM A01N043-36
 ICS C07D207-34
 IPCI A01N0043-36 [ICM,3]; A01N0043-34 [ICM,3,C*]; C07D0207-34 [ICS,3];
 C07D0207-00 [ICS,3,C*]
 IPCR C07C0259-00 [I,C*]; C07C0259-18 [I,A]; C07D0207-00 [I,C*];
 C07D0207-34 [I,A]; C07D0307-00 [I,C*]; C07D0307-68 [I,A];
 C07D0333-00 [I,C*]; C07D0333-38 [I,A]
 EXF 260/326.2; 260/326.4; 260/326.22; 071/95; 071/74; 071/77
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 42 OF 42 USPATFULL on STN
 AN 80:37889 USPATFULL
 TI Herbicidal and phytohormonal amidoximes
 IN Farge, Daniel, Thiais, France
 Leboul, Jean, Gif sur Yvette, France
 Le Goff, Yves, Bretigny, France
 Poiget, Gilbert, Thiais, France
 PA Philagro, France (non-U.S. corporation)
 PI US 4216006 19800805
 AI US 1978-906863 19780517 (5)
 RLI Division of Ser. No. US 1976-722215, filed on 10 Sep 1976, now patented,
 Pat. No. US 4116974
 PRAI FR 1975-27884 19750911
 FR 1976-21717 19760708
 DT Utility
 FS Granted
 LN.CNT 539
 INCL INCLM: 071/088.000
 INCLS: 260/347.200; 260/347.300; 260/347.400
 NCL NCLM: 504/294.000
 NCLS: 504/283.000; 504/289.000; 504/315.000; 549/479.000; 549/496.000
 IC [2]
 ICM A01N009-28
 ICS C07D307-68
 IPCI A01N009-28 [ICM,2]; C07D0307-68 [ICS,2]; C07D0307-00 [ICS,2,C*]
 IPCR C07C0259-00 [I,C*]; C07C0259-18 [I,A]; C07D0207-00 [I,C*];
 C07D0207-34 [I,A]; C07D0307-00 [I,C*]; C07D0307-68 [I,A];
 C07D0333-00 [I,C*]; C07D0333-38 [I,A]
 EXF 260/347.2; 260/347.3; 260/347.4; 071/88
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d hist

(FILE 'HOME' ENTERED AT 16:38:31 ON 14 JUL 2009)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 16:47:05 ON 14 JUL 2009
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 0* FILE ANTE
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 5* FILE BIOENG
 21 FILE BIOSIS
 4* FILE BIOTECHABS
 4* FILE BIOTECHDS
 1* FILE BIOTECHNO
 38 FILE CAPLUS

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0* FILE CEABA-VTB
0* FILE CIN
1 FILE CONFSCI
2 FILE DGENE
1 FILE DISSABS
1 FILE DRUGU
1 FILE EMBAL
5 FILE EMBASE
1 FILE ESBIOBASE
0* FILE FOMAD
0* FILE FOREGE
0* FILE FROSTI
0* FILE FSTA
109 FILE IFIPAT
1* FILE KOSMET
5 FILE LIFESCI
6 FILE MEDLINE
0* FILE NTIS
0* FILE NUTRACEUT
3* FILE PASCAL
0* FILE PHARMAML
1 FILE PHIN
1 FILE PROMT
6 FILE SCISEARCH
11 FILE TOXCENTER
234 FILE USPATFULL
26 FILE USPAT2
0* FILE WATER
86 FILE WPIDS
86 FILE WPINDEX

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L1

QUE KERATIN(P) HYDROGEL?

SEA L1 AND SOIL

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0* FILE BIOENG
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0* FILE BIOTECHNO
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0* FILE CEABA-VTB
0* FILE CIN
0* FILE FOMAD
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0* FILE FROSTI
0* FILE FSTA
2 FILE IFIPAT
0* FILE KOSMET
0* FILE NTIS
0* FILE NUTRACEUT
0* FILE PASCAL
0* FILE PHARMAML
1 FILE TOXCENTER
7 FILE USPATFULL
0* FILE WATER
1 FILE WPIDS
1 FILE WPINDEX

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L2

QUE L1 AND SOIL

FILE 'CAPLUS, IFIPAT, TOXCENTER, USPATFULL' ENTERED AT 16:48:08 ON 14 JUL 2009

L3 11 S L2
L4 8 DUP REM L3 (3 DUPLICATES REMOVED)
L5 2 S L4 AND TETRAALKYLAMMONIUM HYDROXIDE
L6 42 S TETRAALKYLAMMONIUM HYDROXIDE AND SOIL

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
128.14	132.58

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 17:06:39 ON 14 JUL 2009

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspt189dxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 AUG 10 Time limit for inactive STN sessions doubles to 40 minutes
NEWS 3 AUG 18 COMPENDEX indexing changed for the Corporate Source (CS) field
NEWS 4 AUG 24 ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced
NEWS 5 AUG 24 CA/CAPLUS enhanced with legal status information for U.S. patents
NEWS 6 SEP 09 50 Millionth Unique Chemical Substance Recorded in CAS REGISTRY
NEWS 7 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM thesaurus
NEWS 8 OCT 21 Derwent World Patents Index Coverage of Indian and Taiwanese Content Expanded
NEWS 9 OCT 21 Derwent World Patents Index enhanced with human translated claims for Chinese Applications and Utility Models
NEWS 10 NOV 23 Addition of SCAN format to selected STN databases
NEWS 11 NOV 23 Annual Reload of IFI Databases
NEWS 12 DEC 01 FRFULL Content and Search Enhancements
NEWS 13 DEC 01 DGENE, USGENE, and PCTGEN: new percent identity feature for sorting BLAST answer sets
NEWS 14 DEC 02 Derwent World Patent Index: Japanese FI-TERM thesaurus added
NEWS 15 DEC 02 PCTGEN enhanced with patent family and legal status display data from INPADODB
NEWS 16 DEC 02 USGENE: Enhanced coverage of bibliographic and sequence information
NEWS 17 DEC 21 New Indicator Identifies Multiple Basic Patent

Records Containing Equivalent Chemical Indexing
in CA/Caplus

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AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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FILE 'HOME' ENTERED AT 03:18:13 ON 22 DEC 2009

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
1.10	1.10

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 03:21:19 ON 22 DEC 2009

63 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s keratin and soil and hydrogel

1 FILE CAPLUS
3 FILE IFIPAT
1 FILE PROMT
1 FILE TOXCENTER
42 FILE USPATFULL
3 FILE USPAT2
3 FILE WPIDS

62 FILES SEARCHED...

3 FILE WPINDEX

8 FILES HAVE ONE OR MORE ANSWERS, 63 FILES SEARCHED IN STNINDEX

L1 QUE KERATIN AND SOIL AND HYDROGEL

=> file caplus ifipat promt toxcenter uspatfull uspat2

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
2.04	3.14

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 03:23:21 ON 22 DEC 2009

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CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 03:23:21 ON 22 DEC 2009
CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l1

L2 51 L1

=> dup rem l2

PROCESSING COMPLETED FOR L2

L3 47 DUP REM L2 (4 DUPLICATES REMOVED)

=> s l3 and oxid?(p)keratin

L4 12 L3 AND OXID?(P) KERATIN

=> d l4 1-12

L4 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2001:661195 CAPLUS

DN 135:210552

TI Hydratable oxidized keratin as a soil
amendment

IN Smith, Robert Allen; Timmons, Scott F.; Van Dyke, Mark E.; Blanchard,
Cheryl R.; Siller-Jackson, Arlene J.

PA Keraplast Technologies, Ltd., USA; Van Dyke, Mark E.

SO PCT Int. Appl., 27 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001064033	A2	20010907	WO 2001-US6545	20010301
	WO 2001064033	A3	20011206		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 6649740	B1	20031118	US 2000-516755	20000301
	AU 2001043347	A	20010912	AU 2001-43347	20010301
	US 20040134248	A1	20040715	US 2003-715337	20031117
PRAI	US 2000-516755	A2	20000301		
	WO 2001-US6545	W	20010301		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 12 IFIPAT COPYRIGHT 2009 IFI ON STN
AN 10627023 IFIPAT;IFIUDB;IFICDB
TI Hydratable form of keratin for use as a soil
amendment; comprises an oxidized keratin that upon
hydration forms a hydrogel which can increase the water
retention properties of soil and provide a source of organic
and inorganic nutrients can also support the remediation of contaminated
soils
IN Blanchard Cheryl R; Siller-Jackson Arlene J; Smith Robert Allen; Timmons
Scott F; Van Dyke Mark E
PA Keraplast Technologies Ltd
Southwest Research Institute
Record Has Multiple Assignees
(50215, 78576, 92222)
PI US 20040134248 A1 20040715
AI US 2003-715337 20031117 (10)
RLI US 2000-516755 20000301 DIVISION 6649740
FI US 20040134248 20040715
US 6649740
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
ED Entered STN: 16 Jul 2004
Last Updated on STN: 11 May 2006
CLMN 51

L4 ANSWER 3 OF 12 IFIPAT COPYRIGHT 2009 IFI ON STN
AN 03972059 IFIPAT;IFIUDB;IFICDB
TI Hydratable form of keratin for use as a soil
amendment; Oxidized, comprises sulfonate groups and is
associated with metal ions; hydrogel; use in bioremediation and
increasing water retention
IN Blanchard Cheryl R; Siller-Jackson Arlene J; Smith Robert Allen; Timmons
Scott F; Van Dyke Mark E
PA Keraplast Technologies Ltd (50215)
PI US 6649740 B1 20031118 (CITED IN 001 LATER PATENTS)
AI US 2000-516755 20000301 (9)
FI US 6649740 20031118
DT Utility; Reassigned
FS CHEMICAL
GRANTED
ED Entered STN: 19 Nov 2003
Last Updated on STN: 27 May 2004
MRN 010950 MFN: 0745
010952 0118
010952 0129
013248 0355
CLMN 23

L4 ANSWER 4 OF 12 USPATFULL on STN
AN 2007:314822 USPATFULL
TI NEW COSMETIC, PERSONAL CARE, CLEANING AGENT, AND NUTRITIONAL SUPPLEMENT
COMPOSITIONS AND METHODS OF MAKING AND USING SAME
IN Lee, Sean, Karlsruhe, GERMANY, FEDERAL REPUBLIC OF
Kessler, Susanna, Ergolding, GERMANY, FEDERAL REPUBLIC OF
Forberich, Oliver, Oberursel, GERMANY, FEDERAL REPUBLIC OF
Buchwar, Claire, Wiesbaden, GERMANY, FEDERAL REPUBLIC OF
Greenspan, David C., Gainesville, FL, UNITED STATES
PA SCHOTT AG, MAINZ, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

PI US 20070275021 A1 20071129
 AI US 2007-775615 A1 20070710 (11)
 RLI Division of Ser. No. US 2001-818466, filed on 27 Mar 2001, GRANTED, Pat.
 No. US 7250174 Continuation-in-part of Ser. No. US 1999-456196, filed on
 7 Dec 1999, ABANDONED Continuation-in-part of Ser. No. US 1999-456195,
 filed on 7 Dec 1999, ABANDONED
 PRAI US 2000-192216P 20000327 (60)
 US 2000-197162P 20000414 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 4111
 INCL INCLM: 424/401.000
 INCLS: 424/059.000; 424/065.000; 424/070.100; 424/724.000; 510/511.000
 NCL NCLM: 424/401.000
 NCLS: 424/059.000; 424/065.000; 424/070.100; 424/724.000; 510/511.000
 IC IPCI A61K00033-00 [I,A]; A61K0008-25 [I,A]; A61K0008-19 [I,C*];
 A61Q0017-04 [I,A]
 IPCR A61K0033-00 [I,C]; A61K0033-00 [I,A]; A61K0008-19 [I,C];
 A61K0008-22 [I,A]; A61K0008-25 [I,A]; A61Q0001-02 [I,C*];
 A61Q0001-02 [I,A]; A61Q0001-06 [I,A]; A61Q0003-00 [I,C*];
 A61Q0003-00 [I,A]; A61Q0005-02 [I,C*]; A61Q0005-02 [I,A];
 A61Q0009-02 [I,C*]; A61Q0009-02 [I,A]; A61Q0011-00 [I,C*];
 A61Q0011-00 [I,A]; A61Q0015-00 [I,C*]; A61Q0015-00 [I,A];
 A61Q0017-00 [I,C*]; A61Q0017-00 [I,A]; A61Q0017-04 [I,C];
 A61Q0017-04 [I,A]; A61Q0019-00 [I,C*]; A61Q0019-00 [I,A];
 A61Q0019-08 [I,C*]; A61Q0019-08 [I,A]; A61Q0019-10 [I,C*];
 A61Q0019-10 [I,A]; C03C0003-076 [I,C*]; C03C0003-097 [I,A];
 C03C0003-112 [I,A]; C03C0003-115 [I,A]; C03C0004-00 [I,C*];
 C03C0004-00 [I,A]; C03C0012-00 [I,C*]; C03C0012-00 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 12 USPATFULL on SIN
 AN 2006:136862 USPATFULL
 TI Silver dihydrogen citrate compositions
 IN Arata, Andrew B., Lake City, FL, UNITED STATES
 Preuss, Andrea, Basel, SWITZERLAND
 PI US 20060115440 A1 20060601
 AI US 2005-144398 A1 20050603 (11)
 RLI Continuation-in-part of Ser. No. US 2004-936465, filed on 7 Sep 2004,
 PENDING
 DT Utility
 FS APPLICATION
 LN.CNT 3782
 INCL INCLM: 424/065.000
 NCL NCLM: 424/065.000
 IC IPCI A61K0008-365 [I,A]; A61K0008-30 [I,C*]
 IPCR A61K0008-30 [I,C]; A61K0008-365 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 12 USPATFULL on SIN
 AN 2006:60265 USPATFULL
 TI Silver dihydrogen citrate compositions
 IN Arata, Andrew B., Lake City, FL, UNITED STATES
 Preuss, Andrea, Basel, SWITZERLAND
 PI US 20060051430 A1 20060309
 AI US 2004-936465 A1 20040907 (10)
 DT Utility
 FS APPLICATION
 LN.CNT 2829
 INCL INCLM: 424/618.000
 INCLS: 514/495.000
 NCL NCLM: 424/618.000

NCLS: 514/495.000

IC IPCI A61K0031-28 [I,A]; A61K0033-38 [I,A]
 IPCR A61K0031-28 [I,A]; A61K0031-28 [I,C]; A61K0033-38 [I,C];
 A61K0033-38 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 12 USPATFULL on SIN
 AN 2005:323963 USPATFULL
 TI Self-adhesive polymer matrix containing a seaweed extract
 IN Kruse, Inge, Hamburg, GERMANY, FEDERAL REPUBLIC OF
 Wolber, Rainer, Hamburg, GERMANY, FEDERAL REPUBLIC OF
 Woeller, Karl-Heinz, Hamburg, GERMANY, FEDERAL REPUBLIC OF
 PA BEIERSDORF AG, Hamburg, GERMANY, FEDERAL REPUBLIC OF (non-U.S.
 corporation)
 PI US 20050281869 A1 20051222
 AI US 2005-157946 A1 20050622 (11)
 RLI Continuation of Ser. No. WO 2003-EP14792, filed on 23 Dec 2003, UNKNOWN
 PRAI DE 2002-10260872 20021223
 DT Utility
 FS APPLICATION
 LN.CNT 2134
 INCL INCLM: 424/449.000
 INCLS: 424/486.000; 424/195.170
 NCL NCLM: 424/449.000
 NCLS: 424/195.170; 424/486.000
 IC [7]
 ICM A61K035-80
 ICS A61K009-70; A61K009-14
 IPCI A61K0035-80 [ICM,7]; A61K0009-70 [ICS,7]; A61K0009-14 [ICS,7]
 IPCR A61K0008-30 [I,C*]; A61K0008-34 [I,A]; A61K0008-72 [I,C*];
 A61K0008-81 [I,A]; A61K0008-96 [I,C*]; A61K0008-97 [I,A];
 A61Q0017-04 [I,C*]; A61Q0017-04 [I,A]; A61Q0019-00 [I,C*];
 A61Q0019-00 [I,A]; A61Q0019-08 [N,C*]; A61Q0019-08 [N,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 8 OF 12 USPATFULL on SIN
 AN 2002:164425 USPATFULL
 TI New cosmetic, personal care, cleaning agent, and nutritional supplement
 IN compositions and methods of making and using same
 Lee, Sean, Karlsruhe, GERMANY, FEDERAL REPUBLIC OF
 Kessler, Susanna, Ergolding, GERMANY, FEDERAL REPUBLIC OF
 Forberich, Oliver, Oberursel, GERMANY, FEDERAL REPUBLIC OF
 Buchwar, Claire, Wiesbaden, GERMANY, FEDERAL REPUBLIC OF
 Greenspan, David C., Grainsville, FL, UNITED STATES
 PI US 20020086039 A1 20020704
 US 7250174 B2 20070731
 AI US 2001-818466 A1 20010327 (9)
 PRAI US 2000-192261P 20000327 (60)
 US 2000-197162P 20000414 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 4825
 INCL INCLM: 424/401.000
 INCLS: 424/063.000; 424/064.000
 NCL NCLM: 424/401.000
 NCLS: 424/064.000; 424/069.000; 424/070.100; 424/400.000; 424/404.000;
 424/063.000
 IC [7]
 ICM A61K007-021
 ICS A61K007-025; A61K007-00
 IPCI A61K0007-021 [ICM,7]; A61K0007-025 [ICS,7]; A61K0007-00 [ICS,7]
 IPCI-2 A61K0006-00 [I,A]; A61K0009-00 [I,A]; A61K0025-34 [I,A];

A61K0008-00 [I,A]; A61K0008-18 [I,A]
 IPCR A61K0006-00 [I,C]; A61K0006-00 [I,A]; A61K0008-00 [I,C];
 A61K0008-00 [I,A]; A61K0008-18 [I,C]; A61K0008-18 [I,A];
 A61K0008-19 [I,C*]; A61K0008-22 [I,A]; A61K0008-25 [I,A];
 A61K0009-00 [I,C]; A61K0009-00 [I,A]; A61Q0001-02 [I,C*];
 A61Q0001-02 [I,A]; A61Q0001-06 [I,A]; A61Q0003-00 [I,C*];
 A61Q0003-00 [I,A]; A61Q0005-02 [I,C*]; A61Q0005-02 [I,A];
 A61Q0009-02 [I,C*]; A61Q0009-02 [I,A]; A61Q0011-00 [I,C*];
 A61Q0011-00 [I,A]; A61Q0015-00 [I,C*]; A61Q0015-00 [I,A];
 A61Q0017-00 [I,C*]; A61Q0017-00 [I,A]; A61Q0017-04 [I,C*];
 A61Q0017-04 [I,A]; A61Q0019-00 [I,C*]; A61Q0019-00 [I,A];
 A61Q0019-08 [I,C*]; A61Q0019-08 [I,A]; A61Q0019-10 [I,C*];
 A61Q0019-10 [I,A]; C03C0003-076 [I,C*]; C03C0003-097 [I,A];
 C03C0003-112 [I,A]; C03C0003-115 [I,A]; C03C0004-00 [I,C*];
 C03C0004-00 [I,A]; C03C0012-00 [I,C*]; C03C0012-00 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 12 USPATFULL on STN
 AN 2002:152856 USPATFULL
 TI Directionally preferential waste passage member for use with disposable
 absorbent article
 IN Roe, Donald C., West Chester, OH, United States
 PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S.
 corporation)
 PI US 6410821 B1 20020625
 AI US 2000-669079 20000925 (9)
 RLI Continuation of Ser. No. US 1998-106423, filed on 29 Jun 1998, now
 patented, Pat. No. US 6160200
 DT Utility
 FS GRANTED
 LN.CNT 1185
 INCL INCLM: 604/378.000
 INCLS: 604/364.000; 604/385.010
 NCL NCLM: 604/378.000
 NCLS: 604/364.000; 604/385.010
 IC [7]
 ICM A61F013-15
 IPCI A61F0013-15 [ICM,7]
 IPCR A61F0013-511 [I,A]; A61F0005-44 [I,C*]; A61F0005-44 [I,A];
 A61F0013-15 [I,C*]; A61F0013-15 [I,A]; A61F0013-49 [I,A];
 A61F0013-534 [I,A]
 EXF 604/364; 604/368; 604/385.08; 604/385.01; 604/378

L4 ANSWER 10 OF 12 USPATFULL on STN
 AN 2000:168247 USPATFULL
 TI Directionally preferential waste passage member for use with disposable
 absorbent article
 IN Ehrnsperger, Bruno J., Frankfurt am Main, Germany, Federal Republic of
 Roe, Donald C., West Chester, OH, United States
 Schmidt, Matthias, Idstein, Germany, Federal Republic of
 Tetz, Victor V., Saint Petersburg, Russian Federation
 Litvin, Simon S., Brighton, MA, United States
 Pinyayev, Aleksey M., Cincinnati, OH, United States
 Khomjakov, Oleg N., Saint Petersburg, Russian Federation
 PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S.
 corporation)
 PI US 6160200 20001212
 AI US 1998-106423 19980629 (9)
 DT Utility
 FS Granted
 LN.CNT 1341
 INCL INCLM: 604/378.000

INCLS: 604/385.010; 604/385.190; 604/385.230
 NCL NCLM: 604/378.000
 NCLS: 604/385.010; 604/385.190; 604/385.230
 IC [7]
 ICM A61F013-15
 IPCI A61F0013-15 [ICM,7]
 IPCR A61F0013-15 [I,A]; A61F0013-15 [I,C*]
 EXF 604/378; 604/385.01; 604/385.09; 604/385.19; 604/385.23

L4 ANSWER 11 OF 12 USPATFULL on STN
 AN 1998:61190 USPATFULL
 TI Multi-layer wound dressing
 IN Arnold, Peter Stuart, Skipton, United Kingdom
 PA Johnson & Johnson Medical, Inc., Arlington, TX, United States (U.S. corporation)
 PI US 5759570 19980602
 AI US 1996-745112 19961107 (8)
 RLI Continuation of Ser. No. US 1993-153396, filed on 16 Nov 1993, now abandoned
 PRAI GB 1992-24592 19921123
 DT Utility
 FS Granted
 LN.CNT 450
 INCL INCLM: 424/443.000
 INCLS: 424/445.000; 604/304.000
 NCL NCLM: 424/443.000
 NCLS: 424/445.000; 604/304.000
 IC [6]
 ICM A61F013-00
 IPCI A61F0013-00 [ICM,6]
 IPCR A61L0015-16 [I,C*]; A61L0015-44 [I,A]; A61L0015-60 [I,A]
 EXF 424/493; 424/443; 424/445; 604/304

L4 ANSWER 12 OF 12 USPAT2 on STN
 AN 2002:164425 USPAT2
 TI Cosmetic, personal care, cleaning agent, and nutritional supplement compositions and methods of making and using same
 IN Lee, Sean, Karlsruhe, GERMANY, FEDERAL REPUBLIC OF
 Kessler, Susanna, Ergolding, GERMANY, FEDERAL REPUBLIC OF
 Forberich, Oliver, Oberursel, GERMANY, FEDERAL REPUBLIC OF
 Buchwar, Claire, Wiesbaden, GERMANY, FEDERAL REPUBLIC OF
 Greenspan, David C., Gainesville, FL, UNITED STATES
 PA Schott AG, Mainz, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)
 PI US 7250174 B2 20070731
 AI US 2001-818466 20010327 (9)
 PRAI US 2000-197162P 20000414 (60)
 US 2000-192216P 20000327 (60)
 DT Utility
 FS GRANTED
 LN.CNT 4395
 INCL INCLM: 424/401.000
 INCLS: 424/400.000; 424/404.000; 424/064.000; 424/069.000; 424/070.100
 NCL NCLM: 424/401.000
 NCLS: 424/064.000; 424/069.000; 424/070.100; 424/400.000; 424/404.000; 424/063.000
 IC IPCI A61K0007-021 [ICM,7]; A61K0007-025 [ICS,7]; A61K0007-00 [ICS,7]
 IPCI-2 A61K0006-00 [I,A]; A61K0009-00 [I,A]; A61K0025-34 [I,A];
 A61K0008-00 [I,A]; A61K0008-18 [I,A]
 IPCR A61K0006-00 [I,C]; A61K0006-00 [I,A]; A61K0008-00 [I,C];
 A61K0008-00 [I,A]; A61K0008-18 [I,C]; A61K0008-18 [I,A];
 A61K0008-19 [I,C*]; A61K0008-22 [I,A]; A61K0008-25 [I,A];
 A61K0009-00 [I,C]; A61K0009-00 [I,A]; A61Q0001-02 [I,C*];

A61Q0001-02 [I,A]; A61Q0001-06 [I,A]; A61Q0003-00 [I,C*];
A61Q0003-00 [I,A]; A61Q0005-02 [I,C*]; A61Q0005-02 [I,A];
A61Q0009-02 [I,C*]; A61Q0009-02 [I,A]; A61Q0011-00 [I,C*];
A61Q0011-00 [I,A]; A61Q0015-00 [I,C*]; A61Q0015-00 [I,A];
A61Q0017-00 [I,C*]; A61Q0017-00 [I,A]; A61Q0017-04 [I,C*];
A61Q0017-04 [I,A]; A61Q0019-00 [I,C*]; A61Q0019-00 [I,A];
A61Q0019-08 [I,C*]; A61Q0019-08 [I,A]; A61Q0019-10 [I,C*];
A61Q0019-10 [I,A]; C03C0003-076 [I,C*]; C03C0003-097 [I,A];
C03C0003-112 [I,A]; C03C0003-115 [I,A]; C03C0004-00 [I,C*];
C03C0004-00 [I,A]; C03C0012-00 [I,C*]; C03C0012-00 [I,A]
EXF 424/400; 424/401; 424/63; 424/64; 424/69; 424/59; 424/404
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s oxid?(p)keratin and soil
L5 183 OXID?(P) KERATIN AND SOIL

=> s 15 and hydrogel
L6 15 L5 AND HYDROGEL

=> d 16 1-15

L6 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2001:661195 CAPLUS
DN 135:210552
TI Hydratable oxidized keratin as a soil amendment
IN Smith, Robert Allen; Timmons, Scott F.; Van Dyke, Mark E.; Blanchard, Cheryl R.; Siller-Jackson, Arlene J.
PA Keraplast Technologies, Ltd., USA; Van Dyke, Mark E.
SO PCT Int. Appl., 27 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001064033	A2	20010907	WO 2001-US6545	20010301
	WO 2001064033	A3	20011206		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 6649740	B1	20031118	US 2000-516755	20000301
	AU 2001043347	A	20010912	AU 2001-43347	20010301
	US 20040134248	A1	20040715	US 2003-715337	20031117
PRAT	US 2000-516755	A2	20000301		
	WO 2001-US6545	W	20010301		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 15 IFIPAT COPYRIGHT 2009 IFI on STN
AN 10627023 IFIPAT;IFIUDB;IFICDB
TI Hydratable form of keratin for use as a soil amendment; comprises an oxidized keratin that upon

hydration forms a hydrogel which can increase the water retention properties of soil and provide a source of organic and inorganic nutrients can also support the remediation of contaminated soils

IN Blanchard Cheryl R; Siller-Jackson Arlene J; Smith Robert Allen; Timmons
Scott F; Van Dyke Mark E
PA Keraplast Technologies Ltd
Southwest Research Institute
Record Has Multiple Assignees
(50215, 78576, 92222)
PI US 20040134248 A1 20040715
AI US 2003-715337 20031117 (10)
RLI US 2000-516755 20000301 DIVISION 6649740
FI US 20040134248 20040715
US 6649740
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
ED Entered STN: 16 Jul 2004
Last Updated on STN: 11 May 2006
CLMN 51

L6 ANSWER 3 OF 15 IFIPAT COPYRIGHT 2009 IFI on STN
AN 03972059 IFIPAT;IFIUDB;IFICDB
TI Hydratable form of keratin for use as a soil
amendment; Oxidized, comprises sulfonate groups and is
associated with metal ions; hydrogel; use in bioremediation and
increasing water retention
IN Blanchard Cheryl R; Siller-Jackson Arlene J; Smith Robert Allen; Timmons
Scott F; Van Dyke Mark E
PA Keraplast Technologies Ltd (50215)
PI US 6649740 B1 20031118 (CITED IN 001 LATER PATENTS)
AI US 2000-516755 20000301 (9)
FI US 6649740 20031118
DT Utility; Reassigned
FS CHEMICAL
GRANTED
ED Entered STN: 19 Nov 2003
Last Updated on STN: 27 May 2004
MRN 010950 MFN: 0745
010952 0118
010952 0129
013248 0355
CLMN 23

L6 ANSWER 4 OF 15 TOXCENTER COPYRIGHT 2009 ACS on STN
AN 2001:168411 TOXCENTER
CP Copyright 2009 ACS
DN CA13515210552P
TI Hydratable oxidized keratin as a soil
amendment
AU Smith, Robert Allen; Timmons, Scott F.; Van Dyke, Mark E.; Blanchard,
Cheryl R.; Siller-Jackson, Arlene J.
CS ASSIGNEE: Van Dyke, Mark E.
PI WO 2001064033 A2 7 Sep 2001
SO (2001) PCT Int. Appl., 27 pp.
CODEN: PIXXD2.
CY UNITED STATES
DT Patent
FS CAPLUS
OS CAPLUS 2001:661195
LA English

ED Entered STN: 16 Nov 2001
Last Updated on STN: 22 Jan 2002

L6 ANSWER 5 OF 15 USPATFULL on STN
AN 2007:314822 USPATFULL
TI NEW COSMETIC, PERSONAL CARE, CLEANING AGENT, AND NUTRITIONAL SUPPLEMENT
COMPOSITIONS AND METHODS OF MAKING AND USING SAME
IN Lee, Sean, Karlsruhe, GERMANY, FEDERAL REPUBLIC OF
Kessler, Susanna, Ergolding, GERMANY, FEDERAL REPUBLIC OF
Forberich, Oliver, Oberursel, GERMANY, FEDERAL REPUBLIC OF
Buchwar, Claire, Wiesbaden, GERMANY, FEDERAL REPUBLIC OF
Greenspan, David C., Gainesville, FL, UNITED STATES
PA SCHOTT AG, MAINZ, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)
PI US 20070275021 A1 20071129
AI US 2007-775615 A1 20070710 (11)
RLI Division of Ser. No. US 2001-818466, filed on 27 Mar 2001, GRANTED, Pat.
No. US 7250174 Continuation-in-part of Ser. No. US 1999-456196, filed on
7 Dec 1999, ABANDONED Continuation-in-part of Ser. No. US 1999-456195,
filed on 7 Dec 1999, ABANDONED
PRAI US 2000-192216P 20000327 (60)
US 2000-197162P 20000414 (60)
DT Utility
FS APPLICATION
LN.CNT 4111
INCL INCLM: 424/401.000
INCLS: 424/059.000; 424/065.000; 424/070.100; 424/724.000; 510/511.000
NCL NCLM: 424/401.000
NCLS: 424/059.000; 424/065.000; 424/070.100; 424/724.000; 510/511.000
IC IPCI A61K0033-00 [I,A]; A61K0008-25 [I,A]; A61K0008-19 [I,C*];
A61Q0017-04 [I,A]
IPCR A61K0033-00 [I,C]; A61K0033-00 [I,A]; A61K0008-19 [I,C];
A61K0008-22 [I,A]; A61K0008-25 [I,A]; A61Q0001-02 [I,C*];
A61Q0001-02 [I,A]; A61Q0001-06 [I,A]; A61Q0003-00 [I,C*];
A61Q0003-00 [I,A]; A61Q0005-02 [I,C*]; A61Q0005-02 [I,A];
A61Q0009-02 [I,C*]; A61Q0009-02 [I,A]; A61Q0011-00 [I,C*];
A61Q0011-00 [I,A]; A61Q0015-00 [I,C*]; A61Q0015-00 [I,A];
A61Q0017-00 [I,C*]; A61Q0017-00 [I,A]; A61Q0017-04 [I,C];
A61Q0017-04 [I,A]; A61Q0019-00 [I,C*]; A61Q0019-00 [I,A];
A61Q0019-08 [I,C*]; A61Q0019-08 [I,A]; A61Q0019-10 [I,C*];
A61Q0019-10 [I,A]; C03C0003-076 [I,C*]; C03C0003-097 [I,A];
C03C0003-112 [I,A]; C03C0003-115 [I,A]; C03C0004-00 [I,C*];
C03C0004-00 [I,A]; C03C0012-00 [I,C*]; C03C0012-00 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 6 OF 15 USPATFULL on STN
AN 2006:136862 USPATFULL
TI Silver dihydrogen citrate compositions
IN Arata, Andrew B., Lake City, FL, UNITED STATES
Preuss, Andrea, Basel, SWITZERLAND
PI US 20060115440 A1 20060601
AI US 2005-144398 A1 20050603 (11)
RLI Continuation-in-part of Ser. No. US 2004-936465, filed on 7 Sep 2004,
PENDING
DT Utility
FS APPLICATION
LN.CNT 3782
INCL INCLM: 424/065.000
NCL NCLM: 424/065.000
IC IPCI A61K0008-365 [I,A]; A61K0008-30 [I,C*]
IPCR A61K0008-30 [I,C]; A61K0008-365 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 7 OF 15 USPATFULL on STN
 AN 2006:60265 USPATFULL
 TI Silver dihydrogen citrate compositions
 IN Arata, Andrew B., Lake City, FL, UNITED STATES
 Preuss, Andrea, Basel, SWITZERLAND
 PI US 20060051430 A1 20060309
 AI US 2004-936465 A1 20040907 (10)
 DT Utility
 FS APPLICATION
 LN.CNT 2829
 INCL INCLM: 424/618.000
 INCLS: 514/495.000
 NCL NCLM: 424/618.000
 NCLS: 514/495.000
 IC IPCI A61K0031-28 [I,A]; A61K0033-38 [I,A]
 IPCR A61K0031-28 [I,A]; A61K0031-28 [I,C]; A61K0033-38 [I,C];
 A61K0033-38 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 8 OF 15 USPATFULL on STN
 AN 2005:323963 USPATFULL
 TI Self-adhesive polymer matrix containing a seaweed extract
 IN Kruse, Inge, Hamburg, GERMANY, FEDERAL REPUBLIC OF
 Wolber, Rainer, Hamburg, GERMANY, FEDERAL REPUBLIC OF
 Woeller, Karl-Heinz, Hamburg, GERMANY, FEDERAL REPUBLIC OF
 PA BEIERSDORF AG, Hamburg, GERMANY, FEDERAL REPUBLIC OF (non-U.S.
 corporation)
 PI US 20050281869 A1 20051222
 AI US 2005-157946 A1 20050622 (11)
 RLI Continuation of Ser. No. WO 2003-EP14792, filed on 23 Dec 2003, UNKNOWN
 PRAI DE 2002-10260872 20021223
 DT Utility
 FS APPLICATION
 LN.CNT 2134
 INCL INCLM: 424/449.000
 INCLS: 424/486.000; 424/195.170
 NCL NCLM: 424/449.000
 NCLS: 424/195.170; 424/486.000
 IC [7]
 ICM A61K035-80
 ICS A61K009-70; A61K009-14
 IPCI A61K0035-80 [ICM,7]; A61K0009-70 [ICS,7]; A61K0009-14 [ICS,7]
 IPCR A61K0008-30 [I,C*]; A61K0008-34 [I,A]; A61K0008-72 [I,C*];
 A61K0008-81 [I,A]; A61K0008-96 [I,C*]; A61K0008-97 [I,A];
 A61Q0017-04 [I,C*]; A61Q0017-04 [I,A]; A61Q0019-00 [I,C*];
 A61Q0019-00 [I,A]; A61Q0019-08 [N,C*]; A61Q0019-08 [N,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 9 OF 15 USPATFULL on STN
 AN 2004:175096 USPATFULL
 TI Hydratable form of keratin for use as a soil amendment
 IN Smith, Robert Allen, Jackson, IN, UNITED STATES
 Timmons, Scott F., San Antonio, TX, UNITED STATES
 Van Dyke, Mark E., Fair Oaks Ranch, TX, UNITED STATES
 Blanchard, Cheryl R., Warsaw, IN, UNITED STATES
 Siller-Jackson, Arlene J., Helotes, TX, UNITED STATES
 PA Southwest Research Institute (U.S. corporation)
 Keraplast Technologies, Ltd. (U.S. corporation)
 PI US 20040134248 A1 20040715
 AI US 2003-715337 A1 20031117 (10)
 RLI Division of Ser. No. US 2000-516755, filed on 1 Mar 2000, GRANTED, Pat.
 No. US 6649740

DT Utility
 FS APPLICATION
 LN.CNT 724
 INCL INCLM: 071/015.000
 NCL NCLM: 071/015.000
 IC [7]
 ICM C05F001-00
 IPCI C05F0001-00 [ICM,7]
 IPCR C05F0001-00 [I,C*]; C05F0001-00 [I,A]; C05F0011-00 [I,C*];
 C05F0011-08 [I,A]; C09K0017-14 [I,C*]; C09K0017-32 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 10 OF 15 USPATFULL on STN
 AN 2003:302925 USPATFULL
 TI Hydratable form of keratin for use as a soil amendment
 IN Smith, Robert Allen, Jackson, MS, United States
 Timmons, Scott F., San Antonio, TX, United States
 Van Dyke, Mark E., Fair Oaks Ranch, TX, United States
 Blanchard, Cheryl R., San Antonio, TX, United States
 Siller-Jackson, Arlene J., Helotes, TX, United States
 PA Keraplast Technologies, Ltd., San Antonio, TX, United States (U.S.
 corporation)
 PI US 6649740 B1 20031118
 AI US 2000-516755 20000301 (9)
 DT Utility
 FS GRANTED
 LN.CNT 653
 INCL INCLM: 530/357.000
 INCLS: 530/355.000; 530/842.000; 530/418.000; 530/422.000; 530/423.000;
 514/002.000; 073/073.000; 106/900.000
 NCL NCLM: 530/357.000
 NCLS: 073/073.000; 106/900.000; 530/355.000; 530/418.000; 530/422.000;
 530/423.000; 530/842.000
 IC [7]
 ICM A61K038-17
 ICS C07K014-00
 IPCI A61K0038-17 [ICM,7]; C07K0014-00 [ICS,7]
 IPCR C05F0001-00 [I,C*]; C05F0001-00 [I,A]; C05F0011-00 [I,C*];
 C05F0011-08 [I,A]; C09K0017-14 [I,C*]; C09K0017-32 [I,A]
 EXF 530/357; 530/355; 530/842; 530/418; 530/422; 530/423; 514/12; 073/73;
 106/900
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 11 OF 15 USPATFULL on STN
 AN 2002:164425 USPATFULL
 TI New cosmetic, personal care, cleaning agent, and nutritional supplement
 compositions and methods of making and using same
 IN Lee, Sean, Karlsruhe, GERMANY, FEDERAL REPUBLIC OF
 Kessler, Susanna, Ergolding, GERMANY, FEDERAL REPUBLIC OF
 Forberich, Oliver, Oberursel, GERMANY, FEDERAL REPUBLIC OF
 Buchwar, Claire, Wiesbaden, GERMANY, FEDERAL REPUBLIC OF
 Greenspan, David C., Grainsville, FL, UNITED STATES
 PI US 20020086039 A1 20020704
 US 7250174 B2 20070731
 AI US 2001-818466 A1 20010327 (9)
 PRAI US 2000-192261P 20000327 (60)
 US 2000-197162P 20000414 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 4825
 INCL INCLM: 424/401.000
 INCLS: 424/063.000; 424/064.000

NCL NCLM: 424/401.000
NCLS: 424/064.000; 424/069.000; 424/070.100; 424/400.000; 424/404.000;
424/063.000

IC [7]
ICM A61K007-021
ICS A61K007-025; A61K007-00
IPCI A61K0007-021 [ICM,7]; A61K0007-025 [ICS,7]; A61K0007-00 [ICS,7]
IPCI-2 A61K0006-00 [I,A]; A61K0009-00 [I,A]; A61K0025-34 [I,A];
A61K0008-00 [I,A]; A61K0008-18 [I,A]
IPCR A61K0006-00 [I,C]; A61K0006-00 [I,A]; A61K0008-00 [I,C];
A61K0008-00 [I,A]; A61K0008-18 [I,C]; A61K0008-18 [I,A];
A61K0008-19 [I,C*]; A61K0008-22 [I,A]; A61K0008-25 [I,A];
A61K0009-00 [I,C]; A61K0009-00 [I,A]; A61Q0001-02 [I,C*];
A61Q0001-02 [I,A]; A61Q0001-06 [I,A]; A61Q0003-00 [I,C*];
A61Q0003-00 [I,A]; A61Q0005-02 [I,C*]; A61Q0005-02 [I,A];
A61Q0009-02 [I,C*]; A61Q0009-02 [I,A]; A61Q0011-00 [I,C*];
A61Q0011-00 [I,A]; A61Q0015-00 [I,C*]; A61Q0015-00 [I,A];
A61Q0017-00 [I,C*]; A61Q0017-00 [I,A]; A61Q0017-04 [I,C*];
A61Q0017-04 [I,A]; A61Q0019-00 [I,C*]; A61Q0019-00 [I,A];
A61Q0019-08 [I,C*]; A61Q0019-08 [I,A]; A61Q0019-10 [I,C*];
A61Q0019-10 [I,A]; C03C0003-076 [I,C*]; C03C0003-097 [I,A];
C03C0003-112 [I,A]; C03C0003-115 [I,A]; C03C0004-00 [I,C*];
C03C0004-00 [I,A]; C03C0012-00 [I,C*]; C03C0012-00 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 12 OF 15 USPATFULL on STN
AN 2002:152856 USPATFULL
TI Directionally preferential waste passage member for use with disposable
absorbent article
IN Roe, Donald C., West Chester, OH, United States
PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S.
corporation)
PI US 6410821 B1 20020625
AI US 2000-669079 20000925 (9)
RLI Continuation of Ser. No. US 1998-106423, filed on 29 Jun 1998, now
patented, Pat. No. US 6160200
DT Utility
FS GRANTED
LN.CNT 1185
INCL INCLM: 604/378.000
INCLS: 604/364.000; 604/385.010
NCL NCLM: 604/378.000
NCLS: 604/364.000; 604/385.010
IC [7]
ICM A61F013-15
IPCI A61F0013-15 [ICM,7]
IPCR A61F0013-511 [I,A]; A61F0005-44 [I,C*]; A61F0005-44 [I,A];
A61F0013-15 [I,C*]; A61F0013-15 [I,A]; A61F0013-49 [I,A];
A61F0013-534 [I,A]
EXF 604/364; 604/368; 604/385.08; 604/385.01; 604/378

L6 ANSWER 13 OF 15 USPATFULL on STN
AN 2000:168247 USPATFULL
TI Directionally preferential waste passage member for use with disposable
absorbent article
IN Ehrnsperger, Bruno J., Frankfurt am Main, Germany, Federal Republic of
Roe, Donald C., West Chester, OH, United States
Schmidt, Mattias, Idstein, Germany, Federal Republic of
Tetz, Victor V., Saint Petersburg, Russian Federation
Litvin, Simon S., Brighton, MA, United States
Pinyayev, Aleksey M., Cincinnati, OH, United States
Khomjakov, Oleg N., Saint Petersburg, Russian Federation

PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)
 PI US 6160200 20001212
 AI US 1998-106423 19980629 (9)
 DT Utility
 FS Granted
 LN.CNT 1341
 INCL INCLM: 604/378.000
 INCLS: 604/385.010; 604/385.190; 604/385.230
 NCL NCLM: 604/378.000
 NCLS: 604/385.010; 604/385.190; 604/385.230
 IC [7]
 ICM A61F013-15
 IPCI A61F0013-15 [ICM,7]
 IPCR A61F0013-15 [I,A]; A61F0013-15 [I,C*]
 EXF 604/378; 604/385.01; 604/385.09; 604/385.19; 604/385.23

L6 ANSWER 14 OF 15 USPATFULL on STN
 AN 1998:61190 USPATFULL
 TI Multi-layer wound dressing
 IN Arnold, Peter Stuart, Skipton, United Kingdom
 PA Johnson & Johnson Medical, Inc., Arlington, TX, United States (U.S. corporation)
 PI US 5759570 19980602
 AI US 1996-745112 19961107 (8)
 RLI Continuation of Ser. No. US 1993-153396, filed on 16 Nov 1993, now abandoned
 PRAI GB 1992-24592 19921123
 DT Utility
 FS Granted
 LN.CNT 450
 INCL INCLM: 424/443.000
 INCLS: 424/445.000; 604/304.000
 NCL NCLM: 424/443.000
 NCLS: 424/445.000; 604/304.000
 IC [6]
 ICM A61F013-00
 IPCI A61F0013-00 [ICM,6]
 IPCR A61L0015-16 [I,C*]; A61L0015-44 [I,A]; A61L0015-60 [I,A]
 EXF 424/493; 424/443; 424/445; 604/304

L6 ANSWER 15 OF 15 USPAT2 on STN
 AN 2002:164425 USPAT2
 TI Cosmetic, personal care, cleaning agent, and nutritional supplement compositions and methods of making and using same
 IN Lee, Sean, Karlsruhe, GERMANY, FEDERAL REPUBLIC OF
 Kessler, Susanna, Ergolding, GERMANY, FEDERAL REPUBLIC OF
 Forberich, Oliver, Oberursel, GERMANY, FEDERAL REPUBLIC OF
 Buchwar, Claire, Wiesbaden, GERMANY, FEDERAL REPUBLIC OF
 Greenspan, David C., Gainesville, FL, UNITED STATES
 PA Schott AG, Mainz, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)
 PI US 7250174 B2 20070731
 AI US 2001-818466 20010327 (9)
 PRAI US 2000-197162P 20000414 (60)
 US 2000-192216P 20000327 (60)
 DT Utility
 FS GRANTED
 LN.CNT 4395
 INCL INCLM: 424/401.000
 INCLS: 424/400.000; 424/404.000; 424/064.000; 424/069.000; 424/070.100
 NCL NCLM: 424/401.000
 NCLS: 424/064.000; 424/069.000; 424/070.100; 424/400.000; 424/404.000;

424/063.000

IC IPCI A61K0007-021 [ICM,7]; A61K0007-025 [ICS,7]; A61K0007-00 [ICS,7]
 IPCI-2 A61K0006-00 [I,A]; A61K0009-00 [I,A]; A61K0025-34 [I,A];
 A61K0008-00 [I,A]; A61K0008-18 [I,A]
 IPCR A61K0006-00 [I,C]; A61K0006-00 [I,A]; A61K0008-00 [I,C];
 A61K0008-00 [I,A]; A61K0008-18 [I,C]; A61K0008-18 [I,A];
 A61K0008-19 [I,C*]; A61K0008-22 [I,A]; A61K0008-25 [I,A];
 A61K0009-00 [I,C]; A61K0009-00 [I,A]; A61Q0001-02 [I,C*];
 A61Q0001-02 [I,A]; A61Q0001-06 [I,A]; A61Q0003-00 [I,C*];
 A61Q0003-00 [I,A]; A61Q0005-02 [I,C*]; A61Q0005-02 [I,A];
 A61Q0009-02 [I,C*]; A61Q0009-02 [I,A]; A61Q0011-00 [I,C*];
 A61Q0011-00 [I,A]; A61Q0015-00 [I,C*]; A61Q0015-00 [I,A];
 A61Q0017-00 [I,C*]; A61Q0017-00 [I,A]; A61Q0017-04 [I,C*];
 A61Q0017-04 [I,A]; A61Q0019-00 [I,C*]; A61Q0019-00 [I,A];
 A61Q0019-08 [I,C*]; A61Q0019-08 [I,A]; A61Q0019-10 [I,C*];
 A61Q0019-10 [I,A]; C03C0003-076 [I,C*]; C03C0003-097 [I,A];
 C03C0003-112 [I,A]; C03C0003-115 [I,A]; C03C0004-00 [I,C*];
 C03C0004-00 [I,A]; C03C0012-00 [I,C*]; C03C0012-00 [I,A]

EXF 424/400; 424/401; 424/63; 424/64; 424/69; 424/59; 424/404

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s soil hydrogel
 L7 3 SOIL HYDROGEL

=> s l7 and keratin
 L8 0 L7 AND KERATIN

=> d l7 1-3

L7 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2008:792060 CAPLUS
 DN 149:266488
 TI Effect of sodium polyacrylate on moisture and air properties of eroded
 luvisol soil developed from loess
 AU Paluszczek, Jan; Zembrowski, Wojciech
 CS Inst. Gleboznawstwa i Kształtowania Środowiska, Akad. Rolnicza, Lublin,
 20-069, Pol.
 SO Roczniki Gleboznawcze (2007), 58(3/4), 102-109
 CODEN: ROGLAA; ISSN: 0080-3642
 PB Polskie Towarzystwo Gleboznawcze
 DT Journal
 LA Polish

L7 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2008:700020 CAPLUS
 DN 149:9144
 TI Watering of hydrogel-treated soils
 IN Huettermann, Aloys
 PA BASF SE, Germany
 SO PCT Int. Appl., 43pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2008068212	A1	20080612	WO 2007-EP63126	20071203
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,				

MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

DE 102006058065 A1 20080619 DE 2006-102006058065 20061207
 AU 2007329022 A1 20080612 AU 2007-329022 20071203
 EP 2099285 A1 20090916 EP 2007-847638 20071203

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR

PRAI DE 2006-102006058065 A 20061207
 WO 2007-EP63126 W 20071203

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
 RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2009 ACS on SIN
 AN 1999:789731 CAPLUS
 DN 132:37165

TI Method for forming homogeneous hydrogels from sodium carboxymethyl cellulose solutions in a short time
 IN Motofuji, Masakatsu; Tamura, Kazuo; Hanada, Nobuhiro
 PA Nihon Seishi K. K., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 11343365	A	19991214	JP 1998-151227	19980601
JP 3389598	B2	20030324		
PRAI JP 1998-151227		19980601		

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

=> d 17 3 ab

L7 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2009 ACS on SIN
 AB In a method for adjusting hydrogels, gels consisting of an aqueous Na CMC solution with a viscosity of 5000-30000 mPa · s and polyvalent metal salt (0.5-20% by weight relative to Na CMC) are stirred at a peripheral velocity of 200-3500 m/min. In an aqueous 1% solution of Na CMC with viscosity of 30-8000 mPa · s, the degree of substitution per anhydrous glucose unit is 0.5 - 2.5 mol/C6. The hydrogels can be used in cold packs, for cold storage of produce, and for supplying water in gardening and desert afforestation. Thus, Al2(SO4)3.14-18H2O (1.00 part) was added to 486.5 parts water while agitating in a mixer with a peripheral velocity of 70-200 m/min, and 12.5 parts of 1% Na CMC (DS 0.90, 3100 mPa · s) were added gradually, the mixer velocity was raised to 750 m/min, and a hydrogel with satisfactory elasticity was obtained upon agitating for 5 min.

=> s keratin and soil treat?
 L9 10 KERATIN AND SOIL TREAT?

=> d 19 1-10

L9 ANSWER 1 OF 10 USPATFULL on STN
 AN 2009:158189 USPATFULL
 TI Composition Comprising A Coupled Enzyme System
 IN Rand, Thomas, Brondby, DENMARK
 Madrid, Susan Mampusti, Vedbaek, DENMARK
 PI US 20090142281 A1 20090604
 AI US 2008-106780 A1 20080421 (12)
 RLI Continuation-in-part of Ser. No. WO 2006-DK590, filed on 20 Oct 2006,
 PENDING
 PRAI DK 2005-1474 20051021
 DT Utility
 FS APPLICATION
 LN.CNT 2901
 INCL INCLM: 424/048.000
 INCLS: 426/061.000; 424/094.400; 424/050.000; 424/062.000; 510/392.000;
 252/186.100; 106/124.100
 NCL NCLM: 424/048.000
 NCLS: 106/124.100; 252/186.100; 424/050.000; 424/062.000; 424/094.400;
 426/061.000; 510/392.000
 IC IPCI A61K0008-66 [I,A]; A61K0008-30 [I,C*]; A23L0001-28 [I,A];
 C11D0003-386 [I,A]; C11D0003-38 [I,C*]; C09D0189-00 [I,A];
 A61Q0011-00 [I,A]; C11D0003-395 [I,A]; A61K0038-44 [I,A];
 A61K0038-43 [I,C*]
 IPCR A61K0008-30 [I,C]; A61K0008-66 [I,A]; A23L0001-28 [I,C];
 A23L0001-28 [I,A]; A61K0038-43 [I,C]; A61K0038-44 [I,A];
 A61Q0011-00 [I,C]; A61Q0011-00 [I,A]; C09D0189-00 [I,C];
 C09D0189-00 [I,A]; C11D0003-38 [I,C]; C11D0003-386 [I,A];
 C11D0003-395 [I,C]; C11D0003-395 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 2 OF 10 USPATFULL on STN
 AN 2006:148362 USPATFULL
 TI Photocatalytic pulp composition
 IN Nishibori, Sadao, Tokyo, JAPAN
 PI US 20060124786 A1 20060615
 AI US 2006-348360 A1 20060207 (11)
 RLI Division of Ser. No. US 2002-146943, filed on 17 May 2002, PENDING
 Division of Ser. No. US 1999-389476, filed on 3 Sep 1999, GRANTED, Pat.
 No. US 6419792
 PRAI JP 1999-234790 19990820
 DT Utility
 FS APPLICATION
 LN.CNT 1035
 INCL INCLM: 241/038.000
 INCLS: 241/046.010
 NCL NCLM: 241/038.000
 NCLS: 241/046.010
 IC IPCI B02C0023-36 [I,A]; B02C0023-18 [I,C*]
 IPCR B02C0023-18 [I,C]; B02C0023-36 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 3 OF 10 USPATFULL on STN
 AN 2003:75934 USPATFULL
 TI Photocatalytic pulp composition
 IN Nishibori, Sadao, Tokyo, JAPAN
 PI US 20030051842 A1 20030320
 US 7060160 B2 20060613
 AI US 2002-146943 A1 20020517 (10)
 RLI Division of Ser. No. US 1999-389476, filed on 3 Sep 1999, GRANTED, Pat.
 No. US 6419792
 PRAI JP 1999-234790 19990820
 DT Utility

FS APPLICATION
LN.CNT 1210
INCL INCLM: 162/181.400
INCLS: 162/158.000; 162/004.000; 162/261.000; 162/175.000; 162/172.000;
162/168.100; 162/164.100; 162/174.000
NCL NCLM: 162/182.000; 162/181.400
NCLS: 162/158.000; 162/164.100; 162/181.400; 162/226.000; 162/004.000;
162/168.100; 162/172.000; 162/174.000; 162/175.000; 162/261.000
IC [7]
ICM D21H017-67
ICS D21H017-22; D21H017-28; D21H017-60; D21H017-24
IPCI D21H0017-67 [ICM,7]; D21H0017-22 [ICS,7]; D21H0017-28 [ICS,7];
D21H0017-60 [ICS,7]; D21H0017-24 [ICS,7]; D21H0017-00 [ICS,7,C*]
IPCI-2 D21H0017-67 [I,A]; D21H0017-00 [I,C*]; D21C0009-00 [I,A];
D21B0001-06 [I,A]; D21B0001-00 [I,C*]; B27N0001-00 [I,A];
B02C0013-22 [I,A]; B02C0013-00 [I,C*]
IPCR B02C0013-00 [I,C*]; B02C0013-22 [I,A]; B32B0021-00 [I,C*];
B32B0021-04 [I,A]; D21B0001-00 [I,C*]; D21B0001-06 [I,A];
D21B0001-08 [I,A]; D21C0009-00 [I,C*]; D21C0009-00 [I,A];
D21H0011-00 [N,C*]; D21H0011-14 [N,A]; D21H0017-00 [I,C*];
D21H0017-67 [I,A]; D21H0021-00 [N,C*]; D21H0021-14 [N,C*];
D21H0021-36 [N,A]; D21H0021-56 [N,A]; D21H0027-30 [N,C*];
D21H0027-30 [N,A]; D21H0017-00 [I,C]; D21H0017-67 [I,A];
B02C0013-00 [I,C]; B02C0013-22 [I,A]; B27N0001-00 [I,C];
B27N0001-00 [I,A]; D21B0001-00 [I,C]; D21B0001-06 [I,A];
D21C0009-00 [I,C]; D21C0009-00 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 4 OF 10 USPATFULL on STN
AN 2003:75925 USPATFULL
TI Photocatalytic pulp composition, photocatalytic pulp foam using said
photocatalytic pulp composition, molded photocatalytic pulp using said
photocatalytic pulp composition and molded photocatalytic pulp foam
using said photocatalytic pulp foam as well as process for producing
said photocatalytic pulp composition, said photocatalytic pulp foam,
said molded photocatalytic pulp and said molded photocatalytic pulp foam
and apparatus for producing said photocatalytic pulp composition
IN Nishibori, Sadao, Tokyo, JAPAN
PI US 20030051833 A1 20030320
AI US 2002-146927 A1 20020517 (10)
RLI Division of Ser. No. US 1999-389476, filed on 3 Sep 1999, GRANTED, Pat.
No. US 6419792
PRAI JP 1999-234790 19990820
DT Utility
FS APPLICATION
LN.CNT 1216
INCL INCLM: 162/004.000
INCLS: 162/010.000; 162/157.100; 162/181.400; 264/109.000; 264/112.000;
162/117.000
NCL NCLM: 162/004.000
NCLS: 162/010.000; 162/117.000; 162/157.100; 162/181.400; 264/109.000;
264/112.000
IC [7]
ICM D21H011-00
ICS D21H013-00
IPCI D21H0011-00 [ICM,7]; D21H0013-00 [ICS,7]
IPCR B02C0013-00 [I,C*]; B02C0013-22 [I,A]; B32B0021-00 [I,C*];
B32B0021-04 [I,A]; D21B0001-00 [I,C*]; D21B0001-06 [I,A];
D21B0001-08 [I,A]; D21C0009-00 [I,C*]; D21C0009-00 [I,A];
D21H0011-00 [N,C*]; D21H0011-14 [N,A]; D21H0017-00 [I,C*];
D21H0017-67 [I,A]; D21H0021-00 [N,C*]; D21H0021-14 [N,C*];
D21H0021-36 [N,A]; D21H0021-56 [N,A]; D21H0027-30 [N,C*];

D21H0027-30 [N,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 5 OF 10 USPATFULL on STN
AN 2002:174682 USPATFULL
TI Photocatalytic pulp composition
IN Nishibori, Sadao, Tokyo, JAPAN
PA Ein Kohsan Co., Ltd., Tokyo, JAPAN (non-U.S. corporation)
PI US 6419792 B1 20020716
AI US 1999-389476 19990903 (9)
PRAI JP 1999-234790 19990820
DT Utility
FS GRANTED
LN.CNT 1105
INCL INCLM: 162/181.400
INCLS: 162/158.000; 162/164.100; 502/242.000; 502/402.000
NCL NCLM: 162/181.400
NCLS: 162/158.000; 162/164.100; 502/242.000; 502/402.000
IC [7]
ICM D21H017-63
IPCI D21H0017-63 [ICM,7]; D21H0017-00 [ICM,7,C*]
IPCR D21H0021-14 [I,C*]; D21H0021-30 [I,A]; B01J0021-00 [I,C*];
B01J0021-06 [I,A]; B02C0013-00 [I,C*]; B02C0013-22 [I,A];
B32B0021-00 [I,C*]; B32B0021-04 [I,A]; D21B0001-00 [I,C*];
D21B0001-06 [I,A]; D21B0001-08 [I,A]; D21C0009-00 [I,C*];
D21C0009-00 [I,A]; D21H0011-00 [N,C*]; D21H0011-14 [N,A];
D21H0017-00 [I,C*]; D21H0017-67 [I,A]; D21H0019-00 [I,C*];
D21H0019-38 [I,A]; D21H0021-00 [N,C*]; D21H0021-36 [N,A];
D21H0021-56 [N,A]; D21H0027-30 [N,C*]; D21H0027-30 [N,A]
EXF 162/135; 162/146; 162/158; 162/168.1; 162/174; 162/175; 162/177;
162/181.1; 162/181.4; 162/169; 162/164.1; 162/290; 502/242; 502/402
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 6 OF 10 USPATFULL on STN
AN 2001:196409 USPATFULL
TI Beneficiation of animal manure
IN Wilson, Harold W., 6985 Market St., El Paso, TX, United States 79915
PI US 6312492 B1 20011106
AI US 1999-400201 19990921 (9)
DT Utility
FS GRANTED
LN.CNT 306
INCL INCLM: 071/021.000
INCLS: 071/022.000; 071/023.000; 071/024.000; 071/028.000; 071/030.000;
071/034.000; 071/036.000
NCL NCLM: 071/021.000
NCLS: 071/022.000; 071/023.000; 071/024.000; 071/028.000; 071/030.000;
071/034.000; 071/036.000
IC [7]
ICM C05F003-00
IPCI C05F0003-00 [ICM,7]
IPCR C05F0001-00 [I,C*]; C05F0001-00 [I,A]; C05F0003-00 [I,C*];
C05F0003-00 [I,A]
EXF 071/21; 071/22; 071/23; 071/24; 071/28; 071/30; 071/34; 071/36

L9 ANSWER 7 OF 10 USPATFULL on STN
AN 2000:83634 USPATFULL
TI Method for enhanced plant protein production and composition for use in
the same
IN Bath, Virginia L., 12609 Marine Dr., Marysville, WA, United States
98271
PI US 6083293 20000704

AI US 1998-28696 19980224 (9)
 PRAI US 1997-38808P 19970224 (60)
 DT Utility
 FS Granted
 LN.CNT 883
 INCL INCLM: 071/016.000
 INCLS: 071/024.000; 071/026.000; 071/028.000; 071/064.100
 NCL NCLM: 071/016.000
 NCLS: 071/024.000; 071/026.000; 071/028.000; 071/064.100
 IC [7]
 ICM C05F001-00
 ICS C05F005-00
 IPCI C05F0001-00 [ICM,7]; C05F0005-00 [ICS,7]
 IPCR C05C0009-00 [I,A]; C05C0009-00 [I,C*]; C05F0005-00 [I,A];
 C05F0005-00 [I,C*]; C05G0003-00 [I,A]; C05G0003-00 [I,C*]
 EXF 071/16; 071/28; 071/26; 071/24; 071/64.1; 071/DIG.2

 L9 ANSWER 8 OF 10 USPATFULL on STN
 AN 88:53799 USPATFULL
 TI Antimicrobial compositions and methods of using same
 IN West, Michael H., Memphis, TN, United States
 Nagel, Fritz J., Memphis, TN, United States
 PA Chapman Chemical Company, Memphis, TN, United States (U.S. corporation)
 PI US 4766113 19880823
 AI US 1986-854612 19860422 (6)
 RLI Continuation of Ser. No. US 1982-419396, filed on 17 Sep 1982, now
 patented, Pat. No. US 4602011 which is a continuation of Ser. No. US
 1980-175073, filed on 4 Aug 1980, now abandoned which is a
 continuation-in-part of Ser. No. US 1979-2555, filed on 11 Jan 1979, now
 abandoned which is a continuation of Ser. No. US 1977-842933, filed on
 17 Oct 1977, now abandoned which is a continuation-in-part of Ser. No.
 US 1975-625741, filed on 24 Oct 1975, now abandoned which is a
 continuation-in-part of Ser. No. US 1973-364018, filed on 25 May 1973,
 now abandoned
 DT Utility
 FS Granted
 LN.CNT 5218
 INCL INCLM: 514/187.000
 INCLS: 514/191.000; 514/576.000
 NCL NCLM: 514/187.000
 NCLS: 514/191.000; 514/576.000
 IC [4]
 ICM A01N043-00
 ICS A01N055-02
 IPCI A01N0043-00 [ICM,4]; A01N0055-02 [ICS,4]; A01N0055-00 [ICS,4,C*]
 IPCR A01N0025-22 [I,C*]; A01N0025-22 [I,A]; A01N0041-00 [I,C*];
 A01N0041-04 [I,A]
 EXF 514/187; 514/191; 514/576
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

 L9 ANSWER 9 OF 10 USPATFULL on STN
 AN 86:41129 USPATFULL
 TI Antimicrobial compositions and methods of using same
 IN West, Michael H., Memphis, TN, United States
 Nagel, Fritz J., Memphis, TN, United States
 PA Chapman Chemical Company, Memphis, TN, United States (U.S. corporation)
 PI US 4602011 19860722
 AI US 1982-419396 19820917 (6)
 RLI Continuation of Ser. No. US 1980-175073, filed on 4 Aug 1980, now
 abandoned which is a continuation-in-part of Ser. No. US 1979-2555,
 filed on 11 Jan 1979, now abandoned which is a continuation of Ser. No.
 US 1977-842933, filed on 17 Oct 1977, now abandoned which is a

continuation-in-part of Ser. No. US 1975-625741, filed on 24 Oct 1975,
now abandoned which is a continuation-in-part of Ser. No. US
1973-364018, filed on 25 May 1973, now abandoned

DT Utility
FS Granted
LN.CNT 5179
INCL INCLM: 514/187.000
INCLS: 514/191.000; 514/576.000
NCL NCLM: 514/187.000
NCLS: 514/191.000; 514/576.000
IC [4]
ICM A01N055-02
ICS A61K031-555
IPCI A01N0055-02 [ICM,4]; A01N0055-00 [ICM,4,C*]; A61K0031-555 [ICS,4]
IPCR A01N0025-22 [I,C*]; A01N0025-22 [I,A]; A01N0041-00 [I,C*];
A01N0041-04 [I,A]
EXF 514/187
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 10 OF 10 USPAT2 on STN
AN 2003:75934 USPAT2
TI Process for producing a photocatalytic pulp composition and molded
photocatalytic pulp
IN Nishibori, Sadao, Tokyo, JAPAN
PA Ein Kohsan Co., Ltd., Tokyo, JAPAN (non-U.S. corporation)
PI US 7060160 B2 20060613
AI US 2002-146943 20020517 (10)
RLI Division of Ser. No. US 1999-389476, filed on 3 Sep 1999, Pat. No. US
6419792
PRAI JP 1999-234790 19990820
DT Utility
FS GRANTED
LN.CNT 1077
INCL INCLM: 162/182.000
INCLS: 162/181.400; 162/158.000; 162/164.100; 162/226.000
NCL NCLM: 162/182.000; 162/181.400
NCLS: 162/158.000; 162/164.100; 162/181.400; 162/226.000; 162/004.000;
162/168.100; 162/172.000; 162/174.000; 162/175.000; 162/261.000
IC IPCI D21H0017-67 [ICM,7]; D21H0017-22 [ICS,7]; D21H0017-28 [ICS,7];
D21H0017-60 [ICS,7]; D21H0017-24 [ICS,7]; D21H0017-00 [ICS,7,C*]
IPCI-2 D21H0017-67 [I,A]; D21H0017-00 [I,C*]; D21C0009-00 [I,A];
D21B0001-06 [I,A]; D21B0001-00 [I,C*]; B27N0001-00 [I,A];
B02C0013-22 [I,A]; B02C0013-00 [I,C*]
IPCR B02C0013-00 [I,C*]; B02C0013-22 [I,A]; B32B0021-00 [I,C*];
B32B0021-04 [I,A]; D21B0001-00 [I,C*]; D21B0001-06 [I,A];
D21B0001-08 [I,A]; D21C0009-00 [I,C*]; D21C0009-00 [I,A];
D21H0011-00 [N,C*]; D21H0011-14 [N,A]; D21H0017-00 [I,C*];
D21H0017-67 [I,A]; D21H0021-00 [N,C*]; D21H0021-14 [N,C*];
D21H0021-36 [N,A]; D21H0021-56 [N,A]; D21H0027-30 [N,C*];
D21H0027-30 [N,A]; D21H0017-00 [I,C]; D21H0017-67 [I,A];
B02C0013-00 [I,C]; B02C0013-22 [I,A]; B27N0001-00 [I,C];
B27N0001-00 [I,A]; D21B0001-00 [I,C]; D21B0001-06 [I,A];
D21C0009-00 [I,C]; D21C0009-00 [I,A]
EXF 162/181.4; 162/158; 162/164.1; 162/135; 162/146; 162/174; 162/168.1;
162/175; 162/177; 162/181; 162/169; 162/181.1; 162/218; 162/226;
162/182; 502/242; 502/402
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d hist

(FILE 'HOME' ENTERED AT 03:18:13 ON 22 DEC 2009)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 03:21:19 ON 22 DEC 2009
SEA KERATIN AND SOIL AND HYDROGEL

1 FILE CAPLUS
3 FILE IFIPAT
1 FILE PROMT
1 FILE TOXCENTER
42 FILE USPATFULL
3 FILE USPAT2
3 FILE WPIDS
3 FILE WPINDEX

L1 QUE KERATIN AND SOIL AND HYDROGEL

FILE 'CAPLUS, IFIPAT, PROMT, TOXCENTER, USPATFULL, USPAT2' ENTERED AT 03:23:21 ON 22 DEC 2009

L2 51 S L1
L3 47 DUP REM L2 (4 DUPLICATES REMOVED)
L4 12 S L3 AND OXID?(P)KERATIN
L5 183 S OXID?(P)KERATIN AND SOIL
L6 15 S L5 AND HYDROGEL
L7 3 S SOIL HYDROGEL
L8 0 S L7 AND KERATIN
L9 10 S KERATIN AND SOIL TREAT?

=> d 19 1-10

L9 ANSWER 1 OF 10 USPATFULL on STN
AN 2009:158189 USPATFULL
TI Composition Comprising A Coupled Enzyme System
IN Rand, Thomas, Brondby, DENMARK
Madrid, Susan Mampusti, Vedbaek, DENMARK
PI US 20090142281 A1 20090604
AI US 2008-106780 A1 20080421 (12)
RLI Continuation-in-part of Ser. No. WO 2006-DK590, filed on 20 Oct 2006, PENDING
PRAI DK 2005-1474 20051021
DT Utility
FS APPLICATION
LN.CNT 2901
INCL INCLM: 424/048.000
INCLS: 426/061.000; 424/094.400; 424/050.000; 424/062.000; 510/392.000; 252/186.100; 106/124.100
NCL NCLM: 424/048.000
NCLS: 106/124.100; 252/186.100; 424/050.000; 424/062.000; 424/094.400; 426/061.000; 510/392.000
IC IPCI A61K0008-66 [I,A]; A61K0008-30 [I,C*]; A23L0001-28 [I,A]; C11D0003-386 [I,A]; C11D0003-38 [I,C*]; C09D0189-00 [I,A]; A61Q0011-00 [I,A]; C11D0003-395 [I,A]; A61K0038-44 [I,A]; A61K0038-43 [I,C*]
IPCR A61K0008-30 [I,C]; A61K0008-66 [I,A]; A23L0001-28 [I,C]; A23L0001-28 [I,A]; A61K0038-43 [I,C]; A61K0038-44 [I,A]; A61Q0011-00 [I,C]; A61Q0011-00 [I,A]; C09D0189-00 [I,C]; C09D0189-00 [I,A]; C11D0003-38 [I,C]; C11D0003-386 [I,A]; C11D0003-395 [I,C]; C11D0003-395 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 2 OF 10 USPATFULL on STN

AN 2006:148362 USPATFULL
 TI Photocatalytic pulp composition
 IN Nishibori, Sadao, Tokyo, JAPAN
 PI US 20060124786 A1 20060615
 AI US 2006-348360 A1 20060207 (11)
 RLI Division of Ser. No. US 2002-146943, filed on 17 May 2002, PENDING
 Division of Ser. No. US 1999-389476, filed on 3 Sep 1999, GRANTED, Pat.
 No. US 6419792
 PRAI JP 1999-234790 19990820
 DT Utility
 FS APPLICATION
 LN.CNT 1035
 INCL INCLM: 241/038.000
 INCLS: 241/046.010
 NCL NCLM: 241/038.000
 NCLS: 241/046.010
 IC IPCI B02C0023-36 [I,A]; B02C0023-18 [I,C*]
 IPCR B02C0023-18 [I,C]; B02C0023-36 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 3 OF 10 USPATFULL on STN
 AN 2003:75934 USPATFULL
 TI Photocatalytic pulp composition
 IN Nishibori, Sadao, Tokyo, JAPAN
 PI US 20030051842 A1 20030320
 US 7060160 B2 20060613
 AI US 2002-146943 A1 20020517 (10)
 RLI Division of Ser. No. US 1999-389476, filed on 3 Sep 1999, GRANTED, Pat.
 No. US 6419792
 PRAI JP 1999-234790 19990820
 DT Utility
 FS APPLICATION
 LN.CNT 1210
 INCL INCLM: 162/181.400
 INCLS: 162/158.000; 162/004.000; 162/261.000; 162/175.000; 162/172.000;
 162/168.100; 162/164.100; 162/174.000
 NCL NCLM: 162/182.000; 162/181.400
 NCLS: 162/158.000; 162/164.100; 162/181.400; 162/226.000; 162/004.000;
 162/168.100; 162/172.000; 162/174.000; 162/175.000; 162/261.000
 IC [7]
 ICM D21H017-67
 ICS D21H017-22; D21H017-28; D21H017-60; D21H017-24
 IPCI D21H0017-67 [ICM,7]; D21H0017-22 [ICS,7]; D21H0017-28 [ICS,7];
 D21H0017-60 [ICS,7]; D21H0017-24 [ICS,7]; D21H0017-00 [ICS,7,C*]
 IPCI-2 D21H0017-67 [I,A]; D21H0017-00 [I,C*]; D21C0009-00 [I,A];
 D21B0001-06 [I,A]; D21B0001-00 [I,C*]; B27N0001-00 [I,A];
 B02C0013-22 [I,A]; B02C0013-00 [I,C*]
 IPCR B02C0013-00 [I,C*]; B02C0013-22 [I,A]; B32B0021-00 [I,C*];
 B32B0021-04 [I,A]; D21B0001-00 [I,C*]; D21B0001-06 [I,A];
 D21B0001-08 [I,A]; D21C0009-00 [I,C*]; D21C0009-00 [I,A];
 D21H0011-00 [N,C*]; D21H0011-14 [N,A]; D21H0017-00 [I,C*];
 D21H0017-67 [I,A]; D21H0021-00 [N,C*]; D21H0021-14 [N,C*];
 D21H0021-36 [N,A]; D21H0021-56 [N,A]; D21H0027-30 [N,C*];
 D21H0027-30 [N,A]; D21H0017-00 [I,C]; D21H0017-67 [I,A];
 B02C0013-00 [I,C]; B02C0013-22 [I,A]; B27N0001-00 [I,C];
 B27N0001-00 [I,A]; D21B0001-00 [I,C]; D21B0001-06 [I,A];
 D21C0009-00 [I,C]; D21C0009-00 [I,A]
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 4 OF 10 USPATFULL on STN
 AN 2003:75925 USPATFULL
 TI Photocatalytic pulp composition, photocatalytic pulp foam using said

photocatalytic pulp composition, molded photocatalytic pulp using said photocatalytic pulp composition and molded photocatalytic pulp foam using said photocatalytic pulp foam as well as process for producing said photocatalytic pulp composition, said photocatalytic pulp foam, said molded photocatalytic pulp and said molded photocatalytic pulp foam and apparatus for producing said photocatalytic pulp composition

IN Nishibori, Sadao, Tokyo, JAPAN
PI US 20030051833 A1 20030320
AI US 2002-146927 A1 20020517 (10)
RLI Division of Ser. No. US 1999-389476, filed on 3 Sep 1999, GRANTED, Pat. No. US 6419792
PRAI JP 1999-234790 19990820
DT Utility
FS APPLICATION
LN.CNT 1216
INCL INCLM: 162/004.000
INCLS: 162/010.000; 162/157.100; 162/181.400; 264/109.000; 264/112.000; 162/117.000
NCL NCLM: 162/004.000
NCLS: 162/010.000; 162/117.000; 162/157.100; 162/181.400; 264/109.000; 264/112.000
IC [7]
ICM D21H011-00
ICS D21H013-00
IPCI D21H0011-00 [ICM,7]; D21H0013-00 [ICS,7]
IPCR B02C0013-00 [I,C*]; B02C0013-22 [I,A]; B32B0021-00 [I,C*]; B32B0021-04 [I,A]; D21B0001-00 [I,C*]; D21B0001-06 [I,A]; D21B0001-08 [I,A]; D21C0009-00 [I,C*]; D21C0009-00 [I,A]; D21H0011-00 [N,C*]; D21H0011-14 [N,A]; D21H0017-00 [I,C*]; D21H0017-67 [I,A]; D21H0021-00 [N,C*]; D21H0021-14 [N,C*]; D21H0021-36 [N,A]; D21H0021-56 [N,A]; D21H0027-30 [N,C*]; D21H0027-30 [N,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 5 OF 10 USPAIFULL on STN
AN 2002:174682 USPAIFULL
TI Photocatalytic pulp composition
IN Nishibori, Sadao, Tokyo, JAPAN
PA Ein Kohsan Co., Ltd., Tokyo, JAPAN (non-U.S. corporation)
PI US 6419792 B1 20020716
AI US 1999-389476 19990903 (9)
PRAI JP 1999-234790 19990820
DT Utility
FS GRANTED
LN.CNT 1105
INCL INCLM: 162/181.400
INCLS: 162/158.000; 162/164.100; 502/242.000; 502/402.000
NCL NCLM: 162/181.400
NCLS: 162/158.000; 162/164.100; 502/242.000; 502/402.000
IC [7]
ICM D21H017-63
IPCI D21H0017-63 [ICM,7]; D21H0017-00 [ICM,7,C*]
IPCR D21H0021-14 [I,C*]; D21H0021-30 [I,A]; B01J0021-00 [I,C*]; B01J0021-06 [I,A]; B02C0013-00 [I,C*]; B02C0013-22 [I,A]; B32B0021-00 [I,C*]; B32B0021-04 [I,A]; D21B0001-00 [I,C*]; D21B0001-06 [I,A]; D21B0001-08 [I,A]; D21C0009-00 [I,C*]; D21C0009-00 [I,A]; D21H0011-00 [N,C*]; D21H0011-14 [N,A]; D21H0017-00 [I,C*]; D21H0017-67 [I,A]; D21H0019-00 [I,C*]; D21H0019-38 [I,A]; D21H0021-00 [N,C*]; D21H0021-36 [N,A]; D21H0021-56 [N,A]; D21H0027-30 [N,C*]; D21H0027-30 [N,A]
EXF 162/135; 162/146; 162/158; 162/168.1; 162/174; 162/175; 162/177; 162/181.1; 162/181.4; 162/169; 162/164.1; 162/290; 502/242; 502/402

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 6 OF 10 USPATFULL on STN
 AN 2001:196409 USPATFULL
 TI Beneficiation of animal manure
 IN Wilson, Harold W., 6985 Market St., El Paso, TX, United States 79915
 PI US 6312492 B1 20011106
 AI US 1999-400201 19990921 (9)
 DT Utility
 FS GRANTED
 LN.CNT 306
 INCL INCLM: 071/021.000
 INCLS: 071/022.000; 071/023.000; 071/024.000; 071/028.000; 071/030.000;
 071/034.000; 071/036.000
 NCL NCLM: 071/021.000
 NCLS: 071/022.000; 071/023.000; 071/024.000; 071/028.000; 071/030.000;
 071/034.000; 071/036.000
 IC [7]
 ICM C05F0003-00
 IPCI C05F0003-00 [ICM,7]
 IPCR C05F0001-00 [I,C*]; C05F0001-00 [I,A]; C05F0003-00 [I,C*];
 C05F0003-00 [I,A]
 EXF 071/21; 071/22; 071/23; 071/24; 071/28; 071/30; 071/34; 071/36

L9 ANSWER 7 OF 10 USPATFULL on STN
 AN 2000:83634 USPATFULL
 TI Method for enhanced plant protein production and composition for use in
 the same
 IN Bath, Virginia L., 12609 Marine Dr., Marysville, WA, United States
 98271
 PI US 6083293 20000704
 AI US 1998-28696 19980224 (9)
 PRAI US 1997-38808P 19970224 (60)
 DT Utility
 FS Granted
 LN.CNT 883
 INCL INCLM: 071/016.000
 INCLS: 071/024.000; 071/026.000; 071/028.000; 071/064.100
 NCL NCLM: 071/016.000
 NCLS: 071/024.000; 071/026.000; 071/028.000; 071/064.100
 IC [7]
 ICM C05F0001-00
 ICS C05F0005-00
 IPCI C05F0001-00 [ICM,7]; C05F0005-00 [ICS,7]
 IPCR C05C0009-00 [I,A]; C05C0009-00 [I,C*]; C05F0005-00 [I,A];
 C05F0005-00 [I,C*]; C05G0003-00 [I,A]; C05G0003-00 [I,C*]
 EXF 071/16; 071/28; 071/26; 071/24; 071/64.1; 071/DIG.2

L9 ANSWER 8 OF 10 USPATFULL on STN
 AN 88:53799 USPATFULL
 TI Antimicrobial compositions and methods of using same
 IN West, Michael H., Memphis, TN, United States
 Nagel, Fritz J., Memphis, TN, United States
 PA Chapman Chemical Company, Memphis, TN, United States (U.S. corporation)
 PI US 4766113 19880823
 AI US 1986-854612 19860422 (6)
 RLI Continuation of Ser. No. US 1982-419396, filed on 17 Sep 1982, now
 patented, Pat. No. US 4602011 which is a continuation of Ser. No. US
 1980-175073, filed on 4 Aug 1980, now abandoned which is a
 continuation-in-part of Ser. No. US 1979-2555, filed on 11 Jan 1979, now
 abandoned which is a continuation of Ser. No. US 1977-842933, filed on
 17 Oct 1977, now abandoned which is a continuation-in-part of Ser. No.

US 1975-625741, filed on 24 Oct 1975, now abandoned which is a continuation-in-part of Ser. No. US 1973-364018, filed on 25 May 1973, now abandoned

DT Utility
FS Granted
LN.CNT 5218
INCL INCLM: 514/187.000
INCLS: 514/191.000; 514/576.000
NCL NCLM: 514/187.000
NCLS: 514/191.000; 514/576.000
IC [4]
ICM A01N043-00
ICS A01N055-02
IPCI A01N0043-00 [ICM,4]; A01N0055-02 [ICS,4]; A01N0055-00 [ICS,4,C*]
IPCR A01N0025-22 [I,C*]; A01N0025-22 [I,A]; A01N0041-00 [I,C*];
A01N0041-04 [I,A]
EXF 514/187; 514/191; 514/576
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 9 OF 10 USPATFULL on STN
AN 86:41129 USPATFULL
TI Antimicrobial compositions and methods of using same
IN West, Michael H., Memphis, TN, United States
Nagel, Fritz J., Memphis, TN, United States
PA Chapman Chemical Company, Memphis, TN, United States (U.S. corporation)
PI US 4602011 19860722
AI US 1982-419396 19820917 (6)
RLI Continuation of Ser. No. US 1980-175073, filed on 4 Aug 1980, now abandoned which is a continuation-in-part of Ser. No. US 1979-2555, filed on 11 Jan 1979, now abandoned which is a continuation of Ser. No. US 1977-842933, filed on 17 Oct 1977, now abandoned which is a continuation-in-part of Ser. No. US 1975-625741, filed on 24 Oct 1975, now abandoned which is a continuation-in-part of Ser. No. US 1973-364018, filed on 25 May 1973, now abandoned

DT Utility
FS Granted
LN.CNT 5179
INCL INCLM: 514/187.000
INCLS: 514/191.000; 514/576.000
NCL NCLM: 514/187.000
NCLS: 514/191.000; 514/576.000
IC [4]
ICM A01N055-02
ICS A61K031-555
IPCI A01N0055-02 [ICM,4]; A01N0055-00 [ICM,4,C*]; A61K0031-555 [ICS,4]
IPCR A01N0025-22 [I,C*]; A01N0025-22 [I,A]; A01N0041-00 [I,C*];
A01N0041-04 [I,A]
EXF 514/187
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 10 OF 10 USPAT2 on STN
AN 2003:75934 USPAT2
TI Process for producing a photocatalytic pulp composition and molded photocatalytic pulp
IN Nishibori, Sadao, Tokyo, JAPAN
PA Ein Kohsan Co., Ltd., Tokyo, JAPAN (non-U.S. corporation)
PI US 7060160 B2 20060613
AI US 2002-146943 20020517 (10)
RLI Division of Ser. No. US 1999-389476, filed on 3 Sep 1999, Pat. No. US 6419792
PRAI JP 1999-234790 19990820
DT Utility

FS GRANTED
LN.CNT 1077
INCL INCLM: 162/182.000
INCLS: 162/181.400; 162/158.000; 162/164.100; 162/226.000
NCL NCLM: 162/182.000; 162/181.400
NCLS: 162/158.000; 162/164.100; 162/181.400; 162/226.000; 162/004.000;
162/168.100; 162/172.000; 162/174.000; 162/175.000; 162/261.000
IC IPCI D21H0017-67 [ICM,7]; D21H0017-22 [ICS,7]; D21H0017-28 [ICS,7];
D21H0017-60 [ICS,7]; D21H0017-24 [ICS,7]; D21H0017-00 [ICS,7,C*]
IPCI-2 D21H0017-67 [I,A]; D21H0017-00 [I,C*]; D21C0009-00 [I,A];
D21B0001-06 [I,A]; D21B0001-00 [I,C*]; B27N0001-00 [I,A];
B02C0013-22 [I,A]; B02C0013-00 [I,C*]
IPCR B02C0013-00 [I,C*]; B02C0013-22 [I,A]; B32B0021-00 [I,C*];
B32B0021-04 [I,A]; D21B0001-00 [I,C*]; D21B0001-06 [I,A];
D21B0001-08 [I,A]; D21C0009-00 [I,C*]; D21C0009-00 [I,A];
D21H0011-00 [N,C*]; D21H0011-14 [N,A]; D21H0017-00 [I,C*];
D21H0017-67 [I,A]; D21H0021-00 [N,C*]; D21H0021-14 [N,C*];
D21H0021-36 [N,A]; D21H0021-56 [N,A]; D21H0027-30 [N,C*];
D21H0027-30 [N,A]; D21H0017-00 [I,C]; D21H0017-67 [I,A];
B02C0013-00 [I,C]; B02C0013-22 [I,A]; B27N0001-00 [I,C];
B27N0001-00 [I,A]; D21B0001-00 [I,C]; D21B0001-06 [I,A];
D21C0009-00 [I,C]; D21C0009-00 [I,A]
EXF 162/181.4; 162/158; 162/164.1; 162/135; 162/146; 162/174; 162/168.1;
162/175; 162/177; 162/181; 162/169; 162/181.1; 162/218; 162/226;
162/182; 502/242; 502/402
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 19 6

L9 ANSWER 6 OF 10 USPATFULL on STN
AN 2001:196409 USPATFULL
TI Beneficiation of animal manure
IN Wilson, Harold W., 6985 Market St., El Paso, TX, United States 79915
PI US 6312492 B1 20011106
AI US 1999-400201 19990921 (9)
DT Utility
FS GRANTED
LN.CNT 306
INCL INCLM: 071/021.000
INCLS: 071/022.000; 071/023.000; 071/024.000; 071/028.000; 071/030.000;
071/034.000; 071/036.000
NCL NCLM: 071/021.000
NCLS: 071/022.000; 071/023.000; 071/024.000; 071/028.000; 071/030.000;
071/034.000; 071/036.000
IC [7]
ICM C05F0003-00
IPCI C05F0003-00 [ICM,7]
IPCR C05F0001-00 [I,C*]; C05F0001-00 [I,A]; C05F0003-00 [I,C*];
C05F0003-00 [I,A]
EXF 071/21; 071/22; 071/23; 071/24; 071/28; 071/30; 071/34; 071/36

=> d 19 6 ab

L9 ANSWER 6 OF 10 USPATFULL on STN
AB A process for treating animal manure, particularly poultry feces, with concentrated sulfuric acid (about 93 to 95% H.sub.2 SO.sub.4). The product of the process can be used for treating agricultural soils.

=> d 19 6 kwic

L9 ANSWER 6 OF 10 USPATFULL on STN
 SUMM . . . the following named poultry tissues obtained from commercial harvesting of poultry: insoluble epithelial tissue (e.g., feathers, epidermal skin and insoluble keratin-containing tissue); cartillagenous tissue (e.g., insoluble chondromucoid, chondroalbumenoid and collagen); connective tissue (e.g., elastin and tissues consisting of insoluble polypeptide linkages. . . .
 SUMM . . . granulated to desired size and heated to about 100° C. to dry the product. The product can be used for soil treatment without further treatment. However, if it is desired to store the product, it can be treated with about 2 to. . . .
 DETD . . . waste was made which consisted of an assortment of waste poultry tissues including epithelial tissue (epidermal skin layers, feathers, and keratin-containing tissues); connective tissue (ligament and tendon, white fibrous); cartillaginous tissue (chondromucoid and chondroalbumenoid); muscle tissue (myosin content tissue); osseous tissue. . . .

=>
 => d hist

(FILE 'HOME' ENTERED AT 03:18:13 ON 22 DEC 2009)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 03:21:19 ON 22 DEC 2009
 SEA KERATIN AND SOIL AND HYDROGEL

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1  FILE CAPLUS
3  FILE IFIPAT
1  FILE PROMT
1  FILE TOXCENTER
42 FILE USPATFULL
3  FILE USPAT2
3  FILE WPIDS
3  FILE WPINDEX
L1  QUE KERATIN AND SOIL AND HYDROGEL
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FILE 'CAPLUS, IFIPAT, PROMT, TOXCENTER, USPATFULL, USPAT2' ENTERED AT 03:23:21 ON 22 DEC 2009

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L2      51 S L1
L3      47 DUP REM L2 (4 DUPLICATES REMOVED)
L4      12 S L3 AND OXID?(P)KERATIN
L5      183 S OXID?(P)KERATIN AND SOIL
L6      15 S L5 AND HYDROGEL
L7       3 S SOIL HYDROGEL
L8       0 S L7 AND KERATIN
L9      10 S KERATIN AND SOIL TREAT?

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=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
177.18	180.32

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION

CA SUBSCRIBER PRICE

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PASSWORD:

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U.S. patents
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CAS REGISTRY
NEWS 7 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM
thesaurus
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=> d hist

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